Technical Evaluation Committee (TEC) Questionnaire Instructions

- The Technical Evaluation Committee (TEC) Questionnaire shall be used for professional services related to architecture, engineering, or survey projects.
- **The TEC Questionnaire should be completely filled out. Complete and attach ALL sections. Insert "N/A" or "None" if a section does not apply or if there is no information to provide.**
- Questionnaire must be signed by an authorized representative of the Firm. Failure to sign the questionnaire shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- All subcontractors must be listed in the appropriate section of the Questionnaire. Each subcontractor must provide a complete copy of the TEC Questionnaire, applicable licenses, and any other information required by the advertisement. Failure to provide the subcontractors' complete questionnaire(s), applicable licenses, and any other information required by the advertisement shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- If additional pages are needed, attach them to the questionnaire and include all applicable information that is required by the questionnaire.

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 24-026
Professional Electrical Engineering Services for Miscellaneous Street Lighting Projects and Other Electrical Related Work throughout Jefferson Parish

B. Firm Name & Address:

Ellis Engineering, LLC
525 Brewster Rd.
Madisonville, LA 70447

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

James W. Ellis II, P.E.
525 Brewster Rd.
Madisonville, LA 70447
504 415-7670

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

James W. Ellis II, P.E.
525 Brewster Rd.
Madisonville, LA 70447
504 415-7670

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

___ Administrative	___Estimators	___Specification Writers
___ Architects (Licensed)	___Geologists	___Structural Engineers
___ Chemical Engineers	___Geotechnical Engineers	___Graduate Engineers
___ Civil Engineers	___Interior Designers	___Project Managers
___ Construction Inspectors	___Landscape Architects	___Clerical
___ Ecologists	___Land Surveyor	___Grant/Funding Specialist
1 Electrical Engineers	___Mechanical Engineers	___Sanitary Engineers
___ Engineer Intern	___Environmental Engineers	
___ Professional Land Surveyors		0 **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.All South Consulting Engineers 652 Papworth Avenue Metairie, LA 70005	Civil/Structural Engineering	Yes
2.		
3.		

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

3

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

James W. Ellis II, P.E., Electrical Engineer

Project Assignment:

Electrical Engineering

Name of Firm with which associated:

Ellis Engineering, LLC

Years' experience with this Firm:

20

Education: Degree(s)/Year/Specialization:

BSEE, 1992, Electrical Engineering

Active registration: Year first registered/discipline:

2004, Electrical Engineer

Other experience and qualifications relevant to the proposed Project:

Thirty-two years of experience including involvement in design and construction administration of various types of projects, in all aspects of electrical design, for both public and private owners.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
James W. Ellis II, P.E.
Project Assignment:
Electrical Engineer
Name of Firm with which associated:
Ellis Engineering, LLC
Years' experience with this Firm:
20
Education: Degree(s)/Year/Specialization:
BSEE, 1992, Electrical Engineering
Active registration: Year first registered/discipline:
2004, Electrical Engineer
Other experience and qualifications relevant to the proposed Project:
Thirty-two years of experience including involvement in design and construction administration of various types of projects, in all aspects of electrical design, for both public and private owners.

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Holiday Inn 330 Loyola St. New Orleans, LA	Size and provide electrical construction documents for a generator to back up the hotel. Revise electrical service to accommodate generator	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2024	1,300,000	1,300,000.00

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
West St. Tammany Waste Water treatment plant expansion. St. Tammany Parish	Complete electrical design for the expansion including control panels for motors and pumps.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2024		200,000.00

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility**	
Jefferson Recreation Parish E.B. office Generator. Saints Dr. Metairie.	Single generator to back up the maintenance building and central Office building.	
Completion Date (Actual or estimated)	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2026	160,000	160,000

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Stumph Blvd Street Lighting Stumph Blvd, Gretna	Design street lighting and provide power for the project.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2025	1,300,000.00	700,000.00

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Ellis Elementary 801 Brockenbraugh Ct, Metairie, LA 70005	Complete electrical design for new classrooms.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2024	2,600,000.00	$350,000.00

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Slidell Tennis Courts City of Slidell	Provide lighting, power, and controls to light 8 tennis courts.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2023		160,000.00

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Ree Alario Event Center Electrical Service Upgrades 6900 Saints Dr. Metairie, LA 70003	Provide electrical design to revise the electrical service to allow a temporary generator power the building when needed.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2024	20,000.00	20,000.00

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Aquarium Woldenburg Park New Orleans	Provide lighting calculations and controls for lighting.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2023		15,000.00

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
15 Classroon addition Janet Elementary School Jefferson Parish	All electrical engineering and design including lights, power, fire alarm, security system.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2022	3,600,000.00	500,000.00

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Plaquemines Parish Government Complex Street Lighting Replacement Plaquemines Parish Government	Provide lighting calculations and select a fixture that would provide sufficient lighting using existing pole locations.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
	50,000.00	50,000.00

TEC Professional Services Questionnaire

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

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

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

We have no litigation with Jefferson Parish.

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

Signature: _____ **Print Name:** James W. Ellis II

Title: Manager **Date:** August 16, 2024

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 24-026 to Professional Electrical Engineering Services for Miscellaneous **Street Lighting Projects** and Other Electrical Related Work throughout Jefferson Parish – Resolution No. 144425

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

All South Consulting Engineers

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:

7	Administrative	0	Estimators	1	Specification Writers
1	Architects (Licensed)	0	Geologists	2	Structural Engineers
0	Chemical Engineers	0	Geotechnical Engineers	2	Graduate Engineers
11	Civil Engineers	0	Interior Designers	4	Project Managers
13	Construction Inspectors	0	Landscape Architects	3	Clerical
0	Ecologists	0	Land Surveyor	10	Grant/Funding Specialist
0	Electrical Engineers	0	Mechanical Engineers	0	Sanitary Engineers
8	Engineer Intern	0	Environmental Engineers		
2	Professional Land Surveyor			76	**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. See Prime		
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 **12** key personnel to this project. With a total of **76** 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, Alabama License No. 30479
2009, Civil, Mississippi License No. 18974
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 led 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.

Mississippi River West Bank Levee Asphalt Bike Path *Harvey Louisiana*
Mr. Bonura's responsibilities included construction management of a new asphalt concrete bike path along the crown of the levee. This project utilized enhancement funds which required all LADOTD construction management and inspection procedures.

South Claiborne Avenue Streetscape *New Orleans, Louisiana*
This project consisted of landscaping and streetscape to improve the esthetic appearance of the Claiborne corridor. These improvements included impervious paving, decorative lighting, improved turning radius, and landscaping. Mr. Bonura coordinated all utility relocations (both S&WB and private), traffic signal installations with LADOTD, access to business with the local business owners and the construction of the improvements.

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

CIS – Gray Campus Development *Gray, Louisiana*
Mr. Bonura provided design oversight and QA/QC of engineering services for the Cardiovascular Institute of the South, a 24-acre tract medical campus. The scope included coordinating with multiple government agencies and utility providers to ensure compliance with sewer, water, drainage, gas, and roadway regulations and zoning requirements.

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.

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.

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.
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, 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:

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.

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.

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.

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.

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.

Consolidated Government Complex, (CDBG) *Plaquemines Parish, Louisiana*
Mr. Nielsen is providing Project Management for the design and construction of a new Parish Government Complex. The new facility will be 50,780 SF and combine various government facilities into one. Mr. Nielsen is responsible for the management of architectural and engineering firms. The complex will house the administrative offices for the following parish government functions: Parish Administration, Parish Council, Sheriff's Office and Jail Complex, Court Facility, District Attorney, Clerk of Court, Assessor, Registrar of Voters, Emergency Operations Center, and Parish Maintenance Facility. Duties include construction administration and resident inspections services and management CDBG grant. Mr. Nielsen developed all contract documents following CDBG format, prepared construction cost estimates and design estimates approved by CDBG procedure and prepared construction documents for public bid.

Bayou Country Sport Park *Houma, Louisiana*
Mr. Nielsen provided project management design oversight, H&H Modeling, and QA/QC of this project which consists of developing a 150-acre site for a sports and recreational complex and includes roadways, parking areas, water, sewer, drainage and other recreational site improvements. This project includes evaluating the existing site hydrology and developing a master drainage plan that limits the 25-year synthetic discharge (peak and volume) to the pre-existing 10-year storm. Site specific difficulties include accounting for inundation from high tail water events, providing additional capacity for storm runoff from adjacent upstream sites and having to reduce pre-existing discharges into adjacent sites to no discharge. Specific tasks included hydrologic analysis of existing and developed conditions and preliminary hydraulic design.

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 subbase 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.
Senior Vice President

Project Assignment:

Senior Project Manager/ Senior Engineer

Name of Firm with which associated:

All South Consulting Engineers, LLC

Years' experience with this Firm:

19

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:

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.

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.

George Cox Elementary School – Jefferson Parish School System
Mr. Bourg supervised staff structural engineers in the analysis and design of a new hip roof structure on an existing flat roof. The project involved surveying existing structural steel/joist layouts and roof load bearing locations at the school

to accommodate the new roof configuration. The existing structure was analyzed for the new roof loads. Isolated areas needed attention due to under sizing of the existing steel, so alternate framing was considered in these areas.

Jefferson Parish School Board Administration Building
Mr. Bourg performed and supervised staff structural engineers in the analysis and design of a new administration building which was a 3-story structure and approximately 102,000 sq. ft. with a $23 million construction cost. The administration building was designed to the latest International Building Code and Life Safety Code. Structural analysis included the design of beams, columns, open web steel joists, moment connections, exterior wall connection details, a front entrance, angles for a brick wall, stair landings, and an elevator pit. Additionally, Mr. Bourg coordinated project architects and other engineering disciplines to incorporate their systems efficiently.

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.

DPW Capital Improvements Program – Black Pearl & East Carrolton 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 Carrolton 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.

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 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.

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

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Jarret Bauer, P.E.
Civil Engineer

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:

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:

Site Restoration SUNO Temporary Campus *New Orleans, LA*
Mr. Bauer was the engineer in charge of all project design, coordination and construction administration. Mr. Bauer coordinated the efforts of several design team members, as well as the interactions of 3 adjacent construction projects, and ongoing school operations within the 11-acre project site. Mr. Bauer's design included the analysis of existing sewer, water, and drainage lines ranging in size from 8" to 42" including RCP, RCPA, PVC, and DI pipe materials. Design also included the full replacement of damaged streets, sidewalks, and parking lots to facilitate efficient campus pedestrian flow, as well as site work and future planning for the 11-acre property. Mr. Bauer completed detailed drainage and sewer flow calculations to determine requirements onsite to accommodate proposed site improvements. During construction, Mr. Bauer performed weekly site inspections, reviewed all pay invoices and worked through several unforeseen obstructions during underground construction activities.

TEC Professional Services Questionnaire

South Claiborne Avenue Streetscape *New Orleans, Louisiana*
This project included improvements of sidewalks and ADA ramps, upgrades of street lighting installing LED fixtures, and landscaping improvements along the neutral ground. Mr. Bauer was responsible for construction management services including invoice review, plan change and delay claim review, and compiling change order requests. He also handled all coordination with the contractor holding site/progress meetings.

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.

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 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.

Price Leblanc PACE Center, *Gonzales, Louisiana*
Mr. Bauer provided supervisory oversight for the civil site design of the PACE Center in Gonzales. This project included design and construction of new asphalt parking and roadway improvements, subsurface drainage, dumpster enclosure, and all required utility connections for the building. The project required coordination with multiple disciplines, as it was part of the new construction of the PACE Center facility.

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 coordinating with School Board staff.

City of Gonzales Pedestrian Access Improvements *Gonzales, Louisiana*
Mr. Bauer oversaw the design for this project which involved installing multiple crosswalks 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. He also oversaw all drainage analysis and design, as well as coordinated with All South's in-house survey team to perform a full site survey.

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:

10

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:

Jack Hingle, P.E. joined All South Consulting Engineers in 2014. He has a distinguished career that spans over 40 years of infrastructure design, construction administration, and project management experience on a variety of projects. A majority of his experience has been hands-on management of large-scale projects for government municipalities including hydraulic and hydrologic modeling, wastewater collection and treatment, lift stations, water distribution systems, roadways, public utilities, drainage collection systems, pumping stations, levees, floodwalls, bulkheads, marsh creation, and other general engineering services. Mr. Hingle works closely with fellow engineers, project managers, CADD staff, contractors, inspectors, and residents to ensure all successful and timely completion of projects. His experience includes the following:

Erlanger Bike Path & Enhancements (Vintage Drive to Lake) *Jefferson Parish, LA*
Mr. Hingle performed the design, layout and development of 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. Mr. Hingle coordinated topographical survey data in developing necessary plan sheets with path profile, new drainage structures and typical sections along with all details, quantities, cross sections and specifications for all in accordance with ASSHTO standards and coordination with landscape architect for new landscape and lighting enhancements, program manager and other consultant for an adjoining future path. This project was designed per City of Kenner DPW, LADOTD and JP Levee Board criteria and in coordination with Entergy and applicable utility agencies.

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.

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.

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. Mr. Hingle will oversee 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.

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.

DPW Capital Improvements Program – Uptown Streets *New Orleans, Louisiana*
Mr. Hingle was responsible for the engineering plan design review for FEMA designated uptown city streets in coordination with an EI associate and New Orleans Dept. of Public Works plan reviewers for FEMA funded repair of city streets. His responsibilities were to review/check limits and quantities with ASCE plans and FEMA directives.

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:

9

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:

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.

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.

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.

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:

Daniel Mark, P.E.
Civil Engineer

Project Assignment:

Project Engineer

Name of Firm with which associated:

All South Consulting Engineers, LLC

Years' experience with this Firm:

0.2

Education: Degree(s)/Year/Specialization:

Bachelor of Science, Civil Engineering, 2013

Active registration: Year first registered/discipline:

2018, Civil, Louisiana License No. 42342

Other experience and qualifications relevant to the proposed Project:

Mr. Marks' career spans over nine years; focused on management, transportation planning, roadway plan development, public finance and budgeting, and local public agency coordination. He has served both commercial and governmental clients to scope, design, and build transportation projects. He has experience identifying risks and developing risk registers, participating in value engineering studies, and providing cost estimates for infrastructure projects. Mr. Marks has expertise in cost estimating, construction administration, scheduling, roadway design and value engineering.

MOVEBR *Baton Rouge, Louisiana*
As a project manager for the MOVEBR program, a $1.1 billion Transportation Improvement Program, Mr. Marks' responsibilities include overseeing the design and development of construction plans, producing programmatic financial projections, managing the schedules of multiple projects with a total portfolio value in excess of $130M, negotiating contracts for consultants and specialty contractors, and facilitating communication between many public and private stakeholders.

Lafayette Consolidated Government University Avenue/LA Hwy 182 Corridor Improvements *Lafayette Parish, LA*
Mr. Marks provided constructability feedback to the design team, directed the quantity take off and cost estimating, and was instrumental in the production of contract documents. He worked with landscape architects and civil designers to produce the contract time worksheet, special provisions, and technical specifications for specialty construction items requested by the client

State Highway 3073: US 167 – Kaliste Saloom Road *Lafayette, Louisiana*
Mr. Marks was responsible for every aspect of quality assurance on this project which included multiple signalized intersections and a large amount of sidewalk and pedestrian facility improvements required comprehensive sidewalk closure and pedestrian re-routing during construction. The construction cost is approximately $6.5 million.

State Highway 327 SPUR: Staring Lane Extension *Baton Rouge, Louisiana*
Mr. Marks led the professional design team for pre-design, scoping and planning services on behalf of the Louisiana Department of Transportation on this project. The pre-design services included topographic site surveys, environmental document preparation, traffic impact studies, and preliminary project plan development. This project has a cost estimate of $15.6 million. The scope of the project included new construction in a greenfield area through a highly urbanized corridor. Much consideration was given to pedestrian safety, with the project implementing both a comprehensive sidewalk system as well as bike lanes. The design team faced many obstacles including a very streamlined design schedule and significant utility impacts throughout the corridor. Effective communication with stakeholders and support in schedule management brought the team through the preliminary plan phase and into the final plans.

Verot School Road (LA 339) *Lafayette, Louisiana*
The project, a 3.27-mile total reconstruction, involved the complete removal of an existing two-lane roadway with an ADT of 20,000 vehicles per day and subsequent replacement with a new four-lane boulevard with pedestrian facilities in south Lafayette, LA. Mr. Marks provided on-site construction services for this project, which had a total construction cost of over $38 million. This project was high profile in nature and received major input from the public and media. Post construction, this roadway has achieved its program goals and provided the local municipality with a high-value segment of infrastructure compatible with future corridor transportation plans. Pedestrian facility utilization is high, and road users have experienced a substantial safety improvement from the implementation of dedicated turn lanes throughout the boulevard, separating turning movements from through-traffic.

Mall of Louisiana Boulevard *Baton Rouge, LA*
This new construction roadway will be a 4-lane boulevard connecting Perkins Road to the Mall of Louisiana ring road / Picardy Avenue. The project was phased into multiple packages including clearing and grubbing, three separate bridge packages (one of which was a substantial underpass beneath the KCS railroad), and two roadway packages which incorporated new traffic signals and systemic modifications.

Hooper Road: Joor Road to Sullivan Road *Baton Rouge, LA*
Hooper Road (LA 408) is a state route that East Baton Rouge Parish targeted for capacity improvements. The existing two-lane road is to be widened to four lanes (two in each direction) with a median and J-turns. This project included a full LA DOTD traffic study and Stage 1 Environmental assessment. The design included large scale drainage improvements (RCB box culverts) and substantial ROW taking using DOTD process. There were major impacts to existing utilities that required intensive coordination with power, communications, and water providers.

Lee Drive
The existing two-lane road is to be widened to include a median and a two way left turn lane from Highland Road to Perkins Road. The project incorporates complete streets components for pedestrians and bicyclists including multi-use paths and superstructure improvements on the Duplantier Bayou bridge for adjacent sidewalks. The sequence of construction and maintenance of traffic were of utmost importance for this segment of roadway to accommodate its nearly 30,000 ADT.

Jones Creek Road Extension (Airline Hwy – Tiger Bend Rd) *Baton Rouge, LA*
This project includes the development of a greenfield area in urban Baton Rouge, LA. The planned facility is a new four-lane suburban roadway compliant with complete streets policies and incorporating green infrastructure elements. There is a 200+ bridge spanning Clay Cut Bayou in an environmentally sensitive area. The greenfield requires substantial embankment and consequent fill mitigation. The environmental permitting process and right of way procurement were contentious in this area and required substantial coordination with developers, businesses, and landowners. The Airline Highway intersection required a full LADOTD traffic study to complete the permitting process.

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:

12

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:

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.

Jefferson Parish Fire Station No. 12 *Jefferson Parish, Louisiana*
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 the minimal available space to situate all features; the 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.

Westgate Subdivision Drainage Improvements *Jefferson Parish, Louisiana*
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.

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.

Bayou Country Sports Park Concession Building *Terrebonne Parish, Louisiana*
ProJet consisted of structural design of a CMU single Story Building Pile Supported Foundation with design coordination with Arch and MEP. Determined design loading and evaluated geotechnical data for a timber pile foundation design. Performed civil design with hydraulic calculations for site layout complete with a subsurface drainage system.

Sorrento Park and Playground, Sorrento, LA. Ascension *Parish, Louisiana*
This project consisted of the design of a 50 spaces concrete parking lot, installed over existing aggregate material, and a 1920 LF asphalt walking path over stone base for development of a park at an existing community center. Mr. Slovensky performed hydraulic calculations and provided civil design for site layout of drainage for a 4.00 acre site. The project also included structural design of a pedestrian bridge 8' wide with a 20' long span, and slab foundations for park appurtenances.

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Scott Wetzel, P.E.
Civil Engineer

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:

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:

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 fully reconstruction streets, providing analysis using the HydroWin program, cost estimating, and developing the plans and specifications. He will also be performing the Construction Administration after the project goes under construction.

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

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

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

DPW Capital Improvements Program – 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. 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 – 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.

Bayou Bonfouca Infrastructure Repairs *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, reviewing invoices, reviewing change orders, reviewing plans, resolving issues with construction delays and errors, and attending progress meetings and site visits.

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.

Gentilly Group *C* *New Orleans, Louisiana*
This project consists of roadway, drainage, sewer, and water restoration along St. Roch Ave in New Orleans. Mr. Wetzel has assisted in the design of these fully reconstruction streets, providing analysis using the HydroWin program, designing roadway profiles, cost estimating, and developing the plans and specifications. He will also be assisting with the Construction Administration after the project goes under construction.

TEC Professional Services Questionnaire

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

John Teegarden, P.L.S.
Vice President/ Survey Division Manager

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:

10

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:

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. 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.

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.

DPW Capital Improvements Program – Pines Village *New Orleans, Louisiana*
Mr. Teegarden supervised multiple field crews providing topographic surveys for street, water, sewer, and drainage system repairs from damage caused by Hurricane Katrina. This project included +/- 75,600 ft of streets.

DPW Capital Improvements Program – Viavant–Lake Catherine *New Orleans, Louisiana*
Mr. Teegarden supervised and provided instructions to survey crews performing topographic surveys for road, water, and drainage system repairs as a result of Hurricane Katrina.

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

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.

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.

RR3 - Gentilly Terrace North Group B *New Orleans, Louisiana*
Mr. Teegarden supervised All South's field crews providing topographic survey for full reconstruction design in the Gentilly Terrace area of the City of New Orleans. These surveys were prepared in accordance with the DPW 2015 Road Design Manual.

RR203 – RR03 Gentilly Terrace South Group K *New Orleans, Louisiana*
Mr. Teegarden provided supervision and instruction for the field crews providing topographic surveys in the Gentilly Terrace South area, these surveys covered areas that would require full reconstruction and some with paving only. These surveys were prepared in accordance with the DPW 2015 Road Design Manual.

LA Highway 23 Topographic Survey, *Plaquemines Parish, Louisiana*
Mr. Teegarden supervised field crews performing a full topographic survey of approximately 6,000 feet of LA Hwy. 23 for the design of a bridge to span the Mid-Barataria Sediment Diversion Channel. This survey extended from right of way to right of way.

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:

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.

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.

Gentilly Terrace South Group K *New Orleans, Louisiana*
Mr. Casteigne performed full topographic survey services for the purpose of the design and construction of street improvements including all subsurface utilities in accordance with department standards.

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.

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:

5

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:

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.

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 the 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.

St. Roch *New Orleans, LA*
Mr. Breidenstein prepared survey baseline drawings, topographic plan sheets and profiles depicting the existing underground utilities for the St. Roch project. These surveys depicted the elevations of the streets to show centerline, median and gutter line profiles, for both the northbound and southbound lanes. 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 consultants to prepare drawings depicting the proposed new roadway, elevations, cross sections, new subsurface drainage, sewerage and water for approximately 3959' of roadway and sidewalks. This project also conformed to Orleans Parish DPW standards.

FEMA Recovery Roads Program (Viavant – Lake Catherine – Venetian Isles) *New Orleans, LA*
Mr. Breidenstein prepared plan surveys for multiple streets. These surveys depicted the elevations of the streets to show centerline and gutter line profiles, the surface created showed the many imperfections and potholing in the streets. Included in this area were Catherine St, Victoria St, Reynes St., and America St. This project was approximately 1800' and included invert depths for the drainage, sewerage and water underground utilities.

RR016, RR017 & RR019 New Orleans Streets Topographic Surveys *New Orleans, LA*
Mr. Breidenstein prepared survey baseline drawings, topographic plan sheets and profiles depicting the existing underground utilities for the streets in these two project submittals. These surveys depicted 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.

Westside-Alma Drainage Project (Alma-West Park): *Houma, LA*
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.

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:
Erlanger Road Median Improvements *Kenner, Louisiana* City of Kenner Department of Public Works 1610 Rev. Richard Wilson Dr. Kenner, Louisiana 70062 (504) 468-7515 **PROJECT HIGHLIGHTS** • Civil Design/Survey/Permitting/ Construction Admin/Inspection • 2,500 LF Concrete Pedestrian Path • ADA Compliance • Design of Drainage Features • Green Features: Pervious Pavement, Plant Selection, LED Lighting, Decorative Lighting • Agency Coordination: Kenner DPW, JP Utilities	The City of Kenner asked All South Consulting Engineers to provide engineering and related services for the Erlanger Bike Path project. This project included 2,489 LF new bike/pedestrian, landscaping, sprinkler system, and decorative lighting. This project connects approximately 3,000 homes to the Lake Pontchartrain Levee pedestrian path. As prime consultant on this project, All South was tasked with planning, engineering, and related services. In planning this project, All South had to be mindful of the existing Entergy right of way within the project area and had to consider impacts to the storm runoff to nearby residences. All South prepared contract documents for this project. These plans and specs were prepared in accordance with AASHTO standards, LADOTD standards, and in compliance with dictates from the East Jefferson Levee Board, as well as Entergy and other applicable utility agencies. All South prepared a preliminary design report featuring both asphalt and concrete pavement sections. Concrete pavement was ultimately chosen for final design. This project included survey, all pavement striping layouts, drainage design, ADA compliance, landscape architecture and lighting design. The design was completed within 8 months. Final design included improvements to the median along Erlanger Road featuring a Concrete Bike Path, landscape enhancements, associated drainage improvements utilizing greenspace for runoff storage, Entergy servitude for pedestrian path, and lighting. Main Features: • ***2,500 linear feet pedestrian path connecting 2 miles of pedestrian path to the 12-mile lakefront path*** • ***Utilized green space and landscape to manage storm water flow*** • ***New decorative lighting system***

Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	**Work for which Firm was Responsible:**
10/2018	$945,585	$109,780

TEC Professional Services Questionnaire

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
LSU Pedestrian Access Project *Baton Rouge, Louisiana* Louisiana State University Danielle Mayeaux, P.E. 3255 Patrick F. Taylor Baton Rouge, LA 70803 (225) 578-2630 **PROJECT HIGHLIGHTS** • Civil Design/Survey/Permitting/ Construction Admin/Inspection • Concrete Pedestrian Path • ADA Compliance • Design of Drainage Features • LED Lighting, Decorative Lighting	All South is currently working with LSU for the design of a new sidewalk paralleling Nicholson Dr. between S. Quad Dr. and Gourrier Ave. The project will add a much needed pedestrian access in this highly used location. Design considerations include widths and sections compatible for high traffic during athletic events and tailgating. The project is funded through the LaDOTD Transportation Alternative Program, which funds alternative means of transportation and pedestrian access. All South is completing all survey services, which includes topographic and subsurface utility locations. All South is also completing all design, permitting, all of DOTD's environmental compliance requirements, as well as construction management and onsite resident inspection. All South is working with an electrical subconsultant to consider lighting along the pedestrian path to coincide with LSU design standards. Lighting may be considered based on available budget, availability, and construction time considerations. All South will be considering ADA compliance and ease of pedestrian access to design a direct path that avoids significant landscaping and/or utility changes. 

Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	**Work for which Firm was Responsible:**
10/2024 est.	$415,000	$65,000

TEC Professional Services Questionnaire

PROJECT NO. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
Southern University of New Orleans Site Restoration *New Orleans, Louisiana* Facility Planning & Control David Van Alstine 1450 Poydras, Suite 1130. New Orleans, LA 70112 504-568-2414 **PROJECT HIGHLIGHTS** • Prime Consultant • Civil Design/Survey/Const Admin/Insp • Concrete Walkways and Bike Paths • Sewer, Water, and Drainage Improvements • Site Lighting	Southern University at New Orleans was extensively damaged in Hurricane Katrina, including damaged buildings and infrastructure throughout the campus. SUNO, through the Louisiana Office of Facility Planning and Control, asked All South to develop a plan to restore a portion of the campus to further facilitate the resurgence of the University, and to allow the school to fulfill its mission. All South provided topographic survey, engineering, design, and construction management services for this project. In completing these duties, All South had to be mindful of the need to restore the campus to a useable condition, while respecting the needs of an ongoing campus. This task was complicated by the fact that a portion of the campus had been used as a site for temporary housing immediately following the storm, and then as a temporary campus for the school, complete with modular buildings. As a college campus, the SUNO team was very interested in making this area pedestrian and bike friendly. As such, the restoration included transforming this portion of the campus into a student quad area, including pedestrian walkways, bike paths and student access plans. The scope of work included design of concrete walkways and bike paths, drainage improvements, site lighting and security. The work included the analysis of existing sewer, water, and drainage lines ranging in size from 8" to 42" including RCP, RCPA, PVC, and DI pipe materials. All South was also responsible for the removal of underground utility lines, utility poles, overhead wiring and electrical equipment that was installed for the modular units. The perimeter fence and gates, crushed stone and asphalt drives and walkways were also removed. Utility trenches were filled and compacted, and the site was graded to pre-disaster condition. The design also included the full replacement of damaged streets, sidewalks, and parking lots to facilitate efficient campus pedestrian flow, as well as site work and future planning for the 11-acre property. All South coordinated the ongoing utility operations in the setting of a current school session 

Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	**Work for which Firm was Responsible:**
03/2017	$1,272,000	$127,000

TEC Professional Services Questionnaire

PROJECT NO. 4

Project Name, Location and Owner's contact information:

Bayou Country Sports Park
New Orleans, Louisiana

Terrebonne Parish Recreation Dist. 2-3
Christopher Pulaski
622 Walker Drive, Houma, LA 70360
(985) 873-6568

PROJECT HIGHLIGHTS

- Master Planning/Civil Design/Survey/ Permitting/ Const. Admin/ Inspection
- Design of Recreational Fields, Trails, Bike/Pedestrian Facilities &Features
- Road/Drainage/Sewer/Water Design
- Detention Ponds, Infiltration Basins, Subsurface Detention Systems
- Agency Coordination: LDH, LAOSFM, TPCG Engineering, TPCG Waterworks District #1

Nature of Firm's Responsibility:

All South is under contract to provide services to design and manage the construction of the ball fields, concession stands, sewer, water, roadway, parking, and drainage improvements for Terrebonne Parish Recreation District No. 2-3. This project demonstrates the ability of All South to manage comprehensive site development over multi acre property utilizing green infrastructure practices and work in coordination with other engineers and design firms and on-going construction projects.

This site includes multiple uses (Baseball, Softball, Soccer, etc.), and each group has their own goals and requirements. In addition, the Parish Government has an interest in using this site as a regional storm water retainage area for the surrounding neighborhoods.

All South is designing and managing the overall development of this site for the Rec District and is responsible for incorporating each of these factors into the development of the site. Our scope of work includes:

- Planning and design of a drainage system that drains the park and also provides additional reservoir capacity for the adjoining neighborhoods. This was done utilizing the green infrastructure utilizing these drainage feature for recreational uses and wetland creation.
- Coordination of all features (ballfields, concession stands, infrastructure) to ensure compatibility between features and with the surrounding area (includes green parking areas utilizing fiber reinforced grass)
- Concession stands at softball, baseball, and soccer complex
- Sewer improvements connecting to the existing sewer in the area
- Waterline improvements from existing line along 311 to the park
- Roadway improvements from the end of street to the parking lot
- Drive paths in the parking lot

Roadside drainage improvements and drainage improvements from the ball fields to the larger drainage system

Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
Ongoing (2025 est.)	$10,000,000	$1,513,344.37

TEC Professional Services Questionnaire

PROJECT NO. 5

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
South Claiborne Avenue Streetscape *New Orleans, Louisiana* City of New Orleans 1300 Perdido Street New Orleans, Louisiana 70112 (504) 658-8000 **PROJECT HIGHLIGHTS** • Civil Design/Survey/Public Outreach/ Construction Admin/Inspection • Roadways, Drainage & Associated Utilities • Bike Paths, Pedestrian Walkways, ADA Improvements, Permeable Pavement, Decorative Lighting, Plant Selection, Landscaping • Agency Coordination: DPW, LaDOTD, ATMOS, Entergy, SWBNO, Office of Community Development	All South Consulting Engineers provided engineerinh design, organization of public outreach, procurement of survey and geotechnical information, as well as construction inspection services for street enhancements along S. Claiborne Avenue between Martin Luther King Jr. Blvd. and Napoleon Avenue, a vital commercial corridor in New Orleans. All South personnel held several town hall meetings to incorporate the public's ideas into the new corridor improvements. These ideas included: Seating areas protected with decorative bollards for the local neighborhood residents to enjoy; Permeable paved areas for pedestrian movement and to reduce stormwater runoff into the neighborhoods; New decorative lights to enhance the usage of the walking path in the evening; Landscaping and lighting enhancements around existing monuments to enhance the esthetics of the neighborhood. This project was constructed utilizing both CDBG and federal enhancement grants. All South developed the complete set of construction documents including plans and specifications, performed construction administration and resident inspection and completed the as-built drawings. Other features included in the design were new decorative sidewalks, driveway aprons and other pedestrian surface walkway improvements, ADA improvements,as well as bikeways, traffic, and pedestrian signalization. In the planning stages, careful consideration was required due to the large amount of vehicular traffic and pedestrian movements. This required great detail for signage, lighting, striping and signalization improvements. Plans also included vehicular and pedestrian signage, landscaping, lighting, public art, pocket improvements to curb, gutter, sidewalk, and roadway where necessary. Many of the pedestrian walkways utilized impervious pavers to allow for runoff to preserve plant growth. 

Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	**Work for which Firm was Responsible:**
Ongoing (05/2026 est.)	$33,569,964.60 (est.)	$3,456,072.05

TEC Professional Services Questionnaire

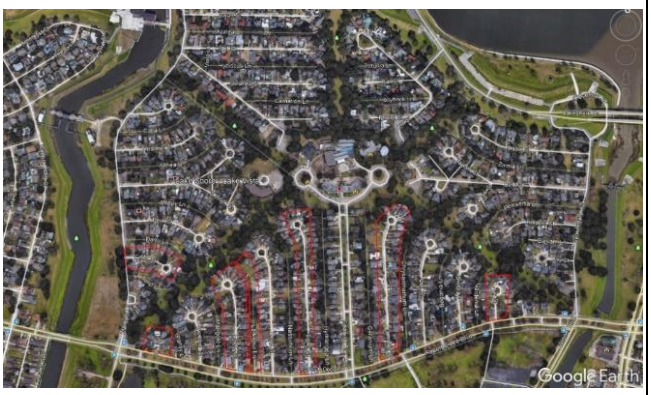
PROJECT NO. 6

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
Fire Station No. 12 *Jefferson Parish, Louisiana* Jefferson Parish Fire Department David Tibbetts, Director 834 S. Clearview Parkway Jefferson, Louisiana 70123 (504) 736-6200 **PROJECT HIGHLIGHTS** • Civil and Structural Design/Survey Construction Admin/ Inspection • 4216 SF two-story living quarters adjacent to a 300 SF dual engine bay • ADA Compliance	All South Consulting Engineers was responsible for planning, designing, and construction of a new fire station for the Jefferson Parish Fire Department. The structure was comprised of 4216 SF two-story living quarters adjacent to a 300 SF dual engine bay. All South'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 project contained minimal available space to situate all features; the property was only 180' wide by 100' in depth and had existing roadways at both front and rear of the lot. The building had sleeping quarters for five (5) persons, required 5 parking spaces, and a van accessible handicap space. The building was equipped with a backup generator situated at grade meeting NFPA distance requirements. This project required coordination and multiple reviews with local code enforcement to achieve an acceptable site layout. Project budget was $2,000,000.00. 

Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	**Work for which Firm was Responsible:**
07/2021	$2,000,000	$500,000

TEC Professional Services Questionnaire

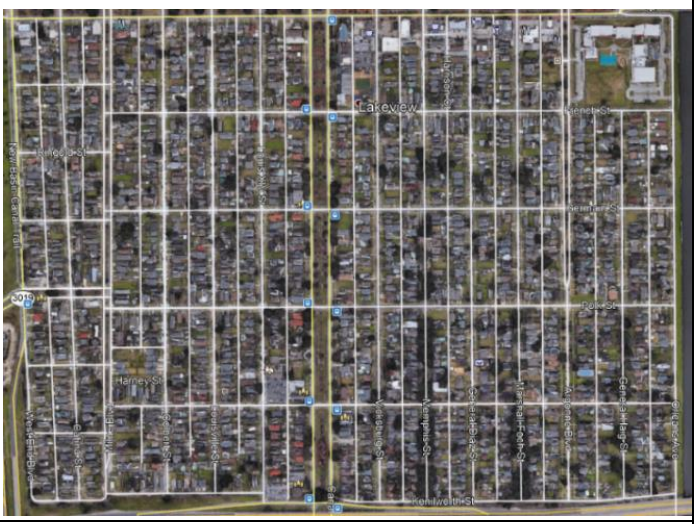
PROJECT NO. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
Lake Vista Group D Roadway and Drainage Improvements *New Orleans, Louisiana* City of New Orleans Marlon Carrio, P.E., Project Manager 1300 Perdido Street New Orleans, LA 70112 (504) 508-0217 **PROJECT HIGHLIGHTS** • 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	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: • 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. 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. 

Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	**Work for which Firm was Responsible:**
Ongoing (2024 est.)	$8,894,555.70 (est.)	$555,191.00

TEC Professional Services Questionnaire

PROJECT NO. 8

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
Lakeview South Group B Roadway and Drainage Improvements *New Orleans, Louisiana* City of New Orleans Mike Chorazak Project Manager 1300 Perdido Street New Orleans, LA 70112 (504) 508-0217 **PROJECT HIGHLIGHTS** • 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	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. 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. 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. 

Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	**Work for which Firm was Responsible:**
Ongoing (2024 est.)	$14,193,932 (est.)	$658,002

TEC Professional Services Questionnaire

PROJECT NO. 9

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
Lake Trail Drive Drainage Improvements *Jefferson Parish, Louisiana* Jefferson Parish Government Neil Schneider, Capital Projects 1221 Elmwood Park Blvd. Jefferson, Louisiana 70123 (504) 736-6500 **PROJECT HIGHLIGHTS** • 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	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. 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. 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. 

Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	**Work for which Firm was Responsible:**
Ongoing (On hold by Parish)	$3,422,404 (est.)	$293,386

TEC Professional Services Questionnaire

PROJECT NO. 10

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
South Kenner Avenue Rehabilitation (Between Live Oak Blvd. and Chenevert road) *Jefferson Parish, Louisiana* Jefferson Parish Government Mark Drewes, P.E., Director of Engineering 1221 Elmwood Park Blvd. Jefferson, Louisiana 70123 (504) 736-6500 **PROJECT HIGHLIGHTS** • 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	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. • 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 

Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	**Work for which Firm was Responsible:**
Ongoing (On hold by Parish)	$4,875,000	$415,093

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 3rd 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.

» FIRM CAPABILITIES AND FIELD EQUIPMENT «

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	LAND/ HYDROGRAPHIC SURVEYING	PROGRAM/ GRANT MANAGEMENT	CONSTRUCTION MANAGEMENT
Water	Boundary/ALTA-NSPS Survey	Grant Writing and Management	Bidding and Advertising
Drainage	Construction Survey	Public Assistance	Resident Project
Sewer	Control Survey	Application Development	Representative
Structural	Elevation Survey	Planning	Document Control
Coastal	GIS Data Acquisition	Cost Estimating	Cost Control
Flood Control	High Definition Laser Scanning	Reimbursements	Safety Review
Transportation	Hydrographic Survey	Scheduling	Field Engineering
Recreational	Pipeline Survey	Plan Review	Close Out Documentation
Public Utilities	Topographic Survey	Document Control	As Built Drawing
Land Development	Right of Way	Program Database Development	Development

TEC Professional Services Questionnaire

» PROFESSIONAL TRAINING AND EXPERIENCE «

All South's licensed engineers have a total of 296 combined years of experience performing civil works projects in South Louisiana. Our 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. Each design professional research the proper continuing education courses to help further their experience in the proper fields.

Our team of Professional Engineers, Project Managers, Construction Managers, and Resident Inspectors obtain professional qualifications that allow for satisfactory work, which cumulatively include:

- ATSSA Traffic Control Supervisor/ Technician/ Flagger
- LaDOTD Asphalt Paving Inspector/Technician
- LaDOTD Density Testing for Embankment
- LaDOTD Base Course & Base Course Inspection
- USACE Resident Inspector/Disaster Recovery Monitor
- USACE Certified in Construction Quality Management for Contractors
- Veriforce Certified OQ in Excavating, Trenching, and Shoring
- Veriforce Certified in CCT

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

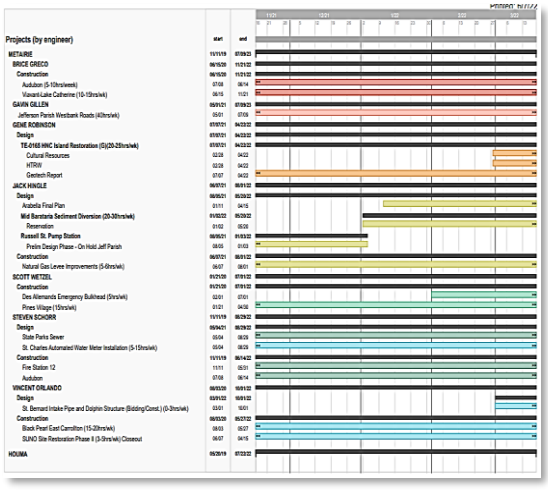
• Leica GS-14 GPS Receivers	• G-882 Magnetometer
• AutoCAD Stations Civil 3D, Microstation, InRoads, CadConform	• Four-wheel off-road vehicles / marsh buggies
• 26' Scully Aluminum Boat with Dual 150 h.p. motors	• 14' Aluminum Flat Boat
• DJI Inspire 2 Aircraft with Zenmuse X4S Payload	• DJI Phantom 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 76 professionals driven to excellence and focused on our clients' needs. We are made up of 15 Louisiana Licensed Professional Engineers, 8 Engineering Interns, 2 Professional Land Surveyors, and 14 program and grant management personnel. Our staff also includes program managers, CADD technicians/draftsmen, grant specialist, field monitors and administrative support staff, all of which provide years of experience to help ensure that our work is exceptional.

» CAPACITY FOR TIMELY COMPLETION «

With 77 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.

All South takes pride in the quality control taken to ensure our design and management practices account for accuracy, schedule, and costs for every project. If selected, All South will implement our quality control and assurance principles to the Jefferson Parish Government projects through our qualified staff, innovative scheduling software, and innovative design practices to control costs.

» 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.

Since its inception in 2004, All South has reached innumerable professional accomplishments within each aspect of our wide variety of disciplines. Some of our notable accomplishments include:

- ✓ **American Council of Engineering Companies of Louisiana 2020 Engineering Excellence Awards**
  - Structural Systems Grand Award Winner: Terrebonne Port Industrial Blvd N. Soil Improvements & Bulkhead
- ✓ **American Concrete Institute Louisiana Chapter's 22nd annual Excellence in Concrete Construction Awards in recognition of outstanding and innovative use of concrete products:**
  - 2019 Infrastructure Award of Merit: Terrebonne Port Industrial Blvd N. Soil Improvements & Bulkhead
- ✓ **American Concrete Institute Louisiana Chapter's 22nd annual Excellence in Concrete Construction Awards in recognition of outstanding and innovative use of concrete products:**
  - 2019 Repairs and Restoration Project Award of Merit: West End – Breakwater Drive Boat Launch Project

» LOCATION OF THE PRINCIPAL OFFICE «

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

» 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:** August 15, 2024