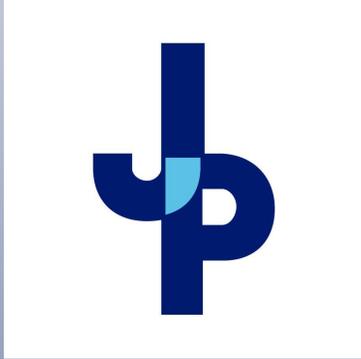


# ROUTINE ENGINEERING SERVICES FOR STREET PROJECTS



935 Gravier Street, Suite 600  
New Orleans, LA 70112  
P: (225) 408-0932  
Federal Tax ID #81-0966624



## ENGINEERING LLC

**Vision:** The Professional Service Provider of Choice

**Mission:** Deliver superior services that exceed clients' and communities' expectations through responsive and empowered employees

**Contact Person:** Ben Malbrough, P.E.  
President  
P: (985) 219-1000  
F: (985) 632-5628  
bmalbrough@gisy.com





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July 16, 2024

Transportation Department  
Parish of Jefferson

**RE: ROUTINE ENGINEERING SERVICES FOR STREETS PROJECTS  
Resolution No. 144319**

Dear Members of the Selection Committee:

GIS Engineering, LLC. (GIS) is pleased to submit this proposal electronically via the Parish's e-procurement system, Central Bidding for the above-mentioned project. GIS is a Louisiana-owned engineering firm comprised of over 170 employees within the State with extensive experience on sewer projects throughout Louisiana. Our Team takes great pride in GIS' ability to provide timely, cost-effective designs that add value for our clients.

GIS looks forward to developing a strong relationship and will explicitly comply with all Parish design standards and applicable codes. We appreciate your time and consideration on the review of our qualifications. Should you have any questions or concerns, please do not hesitate to contact me directly.

Sincerely,

A handwritten signature in blue ink, reading "Kyle J. Galloway".

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**Kyle J Galloway, PE**  
Director of Operations

**GIS Engineering, LLC**  
935 Gravier Street, Suite 600  
New Orleans, LA 70112  
985-219-1023  
kgalloway@gisy.com

## TEC Professional Services Questionnaire

**A. Project Name and Advertisement Resolution Number:**

Routine Engineering Services for Streets Projects  
 SOQ No.: 24-021; Res. No. 144319

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



935 Gravier Street | Suite 600  
 New Orleans, LA 70112

**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:**

Benjamin Malbrough, PE, Vice President  
 Office: (985) 219-1000 Email: bmalbrough@gisy.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.**

Jacob Loeske, PE, LSI, Director of Operations  
 Office: (985) 219-1023 Cell: (985) 665-2262 Email: jloeske@gisy.com

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

LA	US	DISCIPLINE	LA	US	DISCIPLINE	LA	US	DISCIPLINE
10		Administrative	3		Estimators	2		Specification Writers
		Architects (Licensed)	1		Geologists	7		Structural Engineers
		Chemical Engineers			Geotechnical Engineers			Graduate Engineers
20		Civil Engineers			Interior Designers	20		Project Managers
11		Construction Inspectors			Landscape Architects	8		Clerical
		Ecologists	40		Land Surveyor	1		Grant/Funding Specialist
		Electrical Engineers	6		Mechanical Engineers	3		Sanitary Engineers
19		Engineer Intern	1		Environmental Engineers	14		Designers
8		Professional Land Surveyors			TOTAL	174		

NOTE: **LA=Louisiana Personnel** US=United States Personnel (outside of Louisiana)  
**[ALL PERSONNEL LISTED ARE LOCATED IN SOUTH LOUISIANA]**

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

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

**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.**

G1.

G2.

## TEC Professional Services Questionnaire

H. Has this JOINT-VENTURE previously worked together? YES \_\_\_ NO \_\_\_

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

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

J. Please specify the total number of support personnel that may assist in the completion of this Project:  
There are 174 support personnel in our Louisiana offices.

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:	
<b>Name &amp; Title:</b>	
Oneil P. Malbrough, Jr., REM - Sr. Vice President	
<b>Project Assignment:</b>	
Principal In Charge – Client Manager	
<b>Name of Firm with which associated:</b>	
GIS Engineering, LLC	
<b>Years' experience with this Firm:</b>	
With this firm: <u>6</u> With other firms: <u>40</u>	
<b>Education: Degree(s) / Year / Specialization:</b>	
Masters of Science / 1995 / Environmental Engineering Bachelors of Science / 1975 / Engineering Science	
<b>Active registration: Year first registered / discipline:</b>	
Year first registered: <u>1992</u> Branch: <u>Registered Environmental Manager</u> LA License No. <u>5311</u>	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Mr. Malbrough has more than 40 years of engineering and environmental consulting experience, that includes supervising a staff of engineers, land surveyors, environmental professionals, engineering technicians and CADD drafters for work on levee projects, flood control projects, navigation projects, hurricane protection projects, coastal restoration projects, permits, environmental assessments and NEPA compliance, road and bridge projects, and master planning for ports and local parishes. This has given him the expertise, skill, and insight required to provide thorough and accurate results for successful project execution and delivery.</p> <p><b>NUMEROUS PROJECTS FOR THE TOWN OF GRAND ISLE (TOGI) AND GRAND ISLE INDEPENDENT LEVEE DISTRICT (GIILD)</b> Mr. Malbrough has led numerous projects for TOGI and GIILD including drainage studies, pump station upgrades, planning and design for levees, design and construction of breakwaters, and facility repairs. In 2004, he led the development of a study to define drainage and pumping requirements in Grand Isle.</p> <p><b>JEFFERSON PARISH (JP) COMPREHENSIVE COASTAL PLAN (1992, 2002, 2012)</b> In 1992 Mr. Malbrough led a team of coastal engineers and scientists to produce a Coastal Master Plan for Jefferson Parish. In 2002 and 2012, Mr. Malbrough led his team to update the Plan with current and new projects.</p> <p><b>NUMEROUS CWPPRA PROJECTS IN JEFFERSON PARISH (1985-2005)</b> For over 20 years, Mr. Malbrough assisted Jefferson Parish with moving several shoreline protections, marsh creation, barrier island restoration, and outfall management projects through the CWPPRA process. He helped deliver 16 projects that benefited nearly 8,000 acres in the Barataria Basin.</p> <p><b>BAYOU BLACK PUMP STATIONS, TERREBONNE PARISH (2018-present)</b> Mr. Malbrough is leading the planning, design, permitting, and construction of three pump stations along Bayou Black near Gibson, LA. The pump stations will realize a decades-old plan from the US Army Corps of Engineering to provide 3,000 CFS of pump capacity. Construction of the first pump station began in 2019.</p> <p><b>LA DEPT OF NATURAL RESOURCES COMPREHENSIVE BARRIER ISLAND STUDY: (1990-1994)</b> Mr. Malbrough and his CEEC Team worked as a subcontractor to T. Baker Smith and Sons for the LA-DNR to conduct a Comprehensive Barrier Island Study for the Louisiana Coast from the Mississippi River to the Atchafalaya River.</p> <p><b>SOUTH TERREBONNE TIDEWATER AND CONSERVATION DISTRICT (STTMCD): (2007, 2014)</b> In the early 1990's Mr. Malbrough and his team were the Principal Lead for the Local Sponsors, STTMCD and LADOTD in a USACE Feasibility Study for the Morganza to the Gulf, which was eventually authorized in 2007 and again in 2014.</p>	

PROFESSIONAL IN CHARGE OF PROJECT:	
<b>Name &amp; Title:</b>	
Ben Malbrough, PE - Vice President	
<b>Project Assignment:</b>	
Principal in Charge	
<b>Name of Firm with which associated:</b>	
GIS Engineering, LLC	
<b>Years' experience with this Firm:</b>	
With this firm: <u>1</u> With other firms: <u>19</u>	
<b>Education: Degree(s) / Year / Specialization:</b>	
Bachelors of Science / 2004 / Civil Engineering Masters of Science / 2009 / Civil Engineering	
<b>Active registration: Year first registered / discipline:</b>	
Year first registered: <u>2009</u> Branch: <u>Civil Engineer</u> LA License No. <u>34319</u>	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Mr. Malbrough is a professional engineer registered in Louisiana with almost 20 years of engineering experience with a focus on water resources, civil/structural, coastal, and flood protection projects. He has played a wide range of roles through this time including project engineer, project manager, and program manager. Over the last 10.5 years, Mr. Malbrough has been heavily involved in the development and implementation of multiple major water management projects including pump stations, water control structures, conveyance channel improvements, and drainage structure upgrades. His diverse background as an engineer coupled with his extensive experience as the executive of a political subdivision, make Mr. Malbrough an asset to any Public Works project.</p> <p><b>EXECUTIVE DIRECTOR, BAYOU LAFOURCHE FRESH WATER DISTRICT, Thibodaux, LA (2013-2023)</b> As Executive Director of the Bayou Lafourche Fresh Water District (District), Mr. Malbrough's responsibilities were to oversee all operations and administration of the District. In addition to the management of the District's daily operations, he was also responsible for working with local, state, and federal officials in order to secure funding for a capital improvements program estimated to be over \$200,000,000. In his role as Executive Director, he managed the implementation of over \$150,000,000 of this capital improvements program, which has included securing the funding, procurement and management of professional services (engineering, surveying, permitting, and construction management), procurement of construction contractor, and assist in the management of the construction contract until project completion. The centerpiece of this capital improvements program is the construction of a \$97,000,000 pump station facility on the bature of the Mississippi River in Donaldsonville, LA.</p> <p><b>PROJECT MANAGER, PORT OF IBERIA, Iberia Parish, LA (2010-2013)</b> Mr. Malbrough managed the design for over \$10 million of construction projects for the Port. The projects included port expansion, bank line stabilization, maintenance dredging, regulatory compliance, and planning efforts. His tasks involved client coordination, regulatory coordination, design calculations, report preparation, and construction management.</p> <p><b>UPPER GRAND CAILLOU PUMPING STATION REPAIR, TERREBONNE PARISH CONSOLIDATED GOVERNMENT, Houma, LA (2010)</b> Mr. Malbrough served as the project engineer overseeing large scale repairs to the existing Upper Grand Caillou pumping station. These repairs were to the existing foundation along with other components in its vicinity. His tasks were to assist in the design and complete cost estimates for the different alternative repair solutions.</p> <p><b>CITY OF GRAND ISLE PUMPING STATIONS, CITY OF GRAND ISLE, Grand Isle, LA, (2007-2008)</b> Ten pump stations located throughout Grand Isle had to be reconstructed to meet current FEMA flood elevations requirements. In order to meet these requirements, all pump stations had to be designed according to FEMA guidelines. Mr. Malbrough's tasks were to complete the design and cost estimate for all pump stations, as well as coordinate with FEMA and the Town of Grand Isle to be sure all of their requirements were met.</p>	

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:				
<b>Name &amp; Title:</b>				
Jacob Loeske, PE, LSI – Director of Operations				
<b>Project Assignment:</b>				
Project Manager				
<b>Name of Firm with which associated:</b>				
GIS Engineering, LLC				
<b>Years' experience with this Firm:</b>				
With this firm: <u>2</u> With other firms: <u>18</u>				
<b>Education: Degree(s) / Year / Specialization:</b>				
Bachelors of Science / 2002 / Environmental Engineering				
<b>Active registration: Year first registered / discipline:</b>				
Year first registered:	2007	Branch: Civil	LA License No.	PE 33285
	2008		Survey	LSI 548
<b>Other experience and qualifications relevant to the proposed Project:</b>				
<p>Mr. Loeske has developed, delivered, and managed complex roadway projects for LADOTD and several state and local agencies. He has earned a reputation for leading diverse project teams that deliver value to the client and meet proposed schedules while providing exceptional client service towards the common vision and goals. He has approximately 20 years of engineering design experience encompassing general civil and municipal engineering projects including roadway, intersection, and interchange design, drainage design, site design, lighting systems design, and NEPA planning. He is also experienced in managing and coordinating survey crews for various highway, drainage, and utility relocation projects.</p> <p><b>I-10 / Loyola Interchange Improvements, LADOTD – Jefferson Parish, LA (2019-2020)</b>            Project Manager responsible for engineering and related services to prepare an Interchange Modification Report (IMR) in accordance with the NEPA process. With the proposed reconfiguration of the Louis Armstrong New Orleans International Airport (MSY), the Loyola Drive/ Aberdeen Street corridor has been proposed for improvement in order to serve as the primary access point from I-10 to the proposed north terminal of the airport. The project included: Phase 1 - Interchange Modification Report (IMR) and Phase 2 - Environmental and Noise Analysis. Mr. Loeske was responsible for performing data inventory of readily available documentation in relation with MSY and alternative development inclusive of Line and Grade.</p> <p><b>I-12: LA 21 to US 190, LADOTD – St. Tammany Parish, LA (2018-2020)</b>            Project manager responsible for assisting and overseeing portions of the horizontal and vertical alignment design, drainage design, and sequence of construction with minimum temporary traffic control layout and striping according to LADOTD specifications, standards and design criteria. Additional responsibilities included standard project manager duties including coordination, QC of plans and design, project coordination, and scheduling. Design tools used for this project included MicroStation with CadConform, Bentley InRoads, DOTD HydrWIN, and Microsoft Excel.</p> <p><b>Ashland Landfill Road Extension – Terrebonne Parish, LA (2021)</b>            Transportation Lead responsible for providing oversight for all necessary engineering and related services required to design a new 2-lane undivided concrete roadway for approximately 4500 linear feet. The project will also evaluate and replace drainage features, damages to concrete panels, and provide upgrades to parking at a public boat launch along the corridor. Mr. Loeske assisted on the design, QA of plan and profile sheets, typical sections, summary of quantities, construction sequencing, and will serve as the Engineer of Record for this project.</p> <p><b>Hollywood Road Bridge at Hwy 182 – Terrebonne Parish, LA (ONGOING)</b>            Transportation Lead responsible for providing oversight for all necessary engineering and related services required to design a new bridge over Bayou Black providing a connection from M.L. King Blvd. to LA 182 via the Hollywood Road Extension. This proposed bridge will consist of 3-lanes and pedestrian facilities. Mr. Loeske assisted on the design, QA of plan and profile</p>				

sheets, typical sections, summary of quantities, construction sequencing, and will serve as the Engineer of Record for this project.

### **LA 30 Roundabouts at Tanger I-10, LADOTD – Ascension Parish, LA (2019-2020)**

Project Manager, serving as Engineer of Record, responsible for providing oversight for all necessary engineering and related services required for the design of four multi-lane roundabouts along LA 30 using best access management practices creating a roundabout corridor for a heavily traversed commercial interchange at I-10 in Gonzales, LA. Mr. Loeske also provided QA of typical sections, pedestrian and bicycle design, roadway geometrics, roundabout geometrics, drainage design, and driveway details for this LADOTD Project.

### **US 171 at Boone St. Roundabout, LADOTD – Vernon Parish, LA (2019-2020)**

Project Manager, serving as Engineer of Record, responsible for providing oversight for all necessary engineering and related services required for the design of a three-legged multi-lane roundabout and multiple intersection improvements using best access management practices with directional left turns, median closures, and bulb outs. Mr. Loeske also provided QA of typical sections, drainage design, roadway geometrics, roundabout design, and driveway details for this LADOTD Project.

### **PUBLICATIONS**

- Presented at the 2013 LA Transp. Conf. – Mega Projects Session: Florida Ave. Bridge Stage 0 Feasibility Study Training
- Highway Safety Manual (HSM)
- LPA Construction Engineering and Inspection
- NEPA and Transportation Decision-making Process
- Traffic Control Supervisor – Refresher (accounts for TC Flagger also)
- Maintenance and Rehabilitation of Historic Bridges

### **AWARDS**

- LA Eng. Society (LES) Baton Rouge Chapter - Young Engineer Award 2013
- LA Eng. Society (LES) Baton Rouge Chapter - Young Engineer Award 2015
- LA Eng. Society (LES) State - Young Engineer Award 2015

### **ORGANIZATIONS (ACTIVE)**

- LES Baton Rouge Chapter Committee Member – 2009 – present
- ACEC/LA Transportation Committee member 2015 – present
- APWA Northshore Branch – Sec/Treasurer 2017-present

### **LADOTD EXPERIENCE (MINIMAL PERSONNEL REQUIREMENTS)**

- Over 15 years of Experience in Roadway Design
- Over 10 years of Experience in Stage 0 Feasibility Studies and Env. Inventory
- Over 10 years of Experience in NEPA documents for FHWA (Env. Assessment and EIS documents)
- Over 5 years of Experience in Roadway Lighting Design

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>				
<b>Name &amp; Title:</b>				
Brady Richard, PE – Sr. Engineer				
<b>Project Assignment:</b>				
Roadway Design				
<b>Name of Firm with which associated:</b>				
GIS Engineering, LLC				
<b>Years' experience with this Firm:</b>				
With this firm: <u>1</u> With other firms: <u>15</u>				
<b>Education: Degree(s) / Year / Specialization:</b>				
Bachelor of Science / 2002 / Civil Engineering				
<b>Active registration: Year first registered / discipline:</b>				
Year first registered: <u>2010</u> Branch: <u>Civil</u> LA License No. <u>PE 35600</u>				
<b>Other experience and qualifications relevant to the proposed Project:</b>				
<p>Brady has professional experience since 2002, and has been responsible for local and state roadway designs and plan development. He has local expertise, working with Louisiana Department of Transportation and Development as well as the City of Baton Rouge Department of Public Works. Mr. Richard's responsibilities have included project management tasks, design, reporting, map preparation, drawings, and contract documents according to agency standards. Mr. Richard has participated in numerous large-scale, multi-disciplinary projects for municipal, state, and federal agencies.</p> <p><b>LA 30 Roundabouts at Tanger I-10, LADOTD - Ascension Parish, LA (2019-2021)</b>            Senior Engineer. Responsible for providing complex drainage design of a roundabout corridor located along LA 30 in Gonzales, LA. Mr. Richard is proficient with HYDRWIN and Storm CADD to perform the drainage analyses, determine the proposed drainage design structures and sizes, and completed the project Hydraulics Report.</p> <p><b>Roundabout: US 171 at Boone St., LADOTD - Vernon Parish, LA (2019-2021)</b>            Senior Engineer. Responsible for providing drainage design of a three-legged multilane roundabout and multiple intersection improvements using HYDRWIN and Storm CADD. Mr. Richard drainage design encompasses hydraulic analyses, design drainage map, summary of structures, and hydraulic calculations in accordance with the LADOTD Hydraulics Manual.</p> <p><b>Recovery Roads Program - Village De L'est Neighborhood, City of New Orleans - New Orleans, LA (2019-2020)</b>            Civil Engineer. Aiding in roadway scoping, pavement rehabilitation design, plan preparation, construction administration, and construction resident inspection for 7.5 miles of urban local roadway. Scope included milling and asphaltic concrete (AC) overlay, AC patching, Portland Cement Concrete patching, composite pavement patching, driveway repairs, sidewalk repairs, waterline repairs, utility adjustments, and sewer repairs.</p> <p><b>Recovery Roads Program - Pontchartrain Park Neighborhood, City of New Orleans - New Orleans, LA (2018-2019)</b>            Civil Engineer. Assisting in roadway scoping, drainage design, pavement rehabilitation design, plan preparation, construction administration, and construction resident inspection for approximately 6-miles of urban local roadway.</p> <p><b>LA 675 &amp; LA 87 Improvements, LADOTD - New Iberia, LA (2018-2019)</b>            Civil Engineer responsible for drainage design of a parallel storm sewer trunkline. Utilized HYDRWIN and worked on the hydraulics report in accordance with LADOTD Hydraulics Manual.</p>				

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>				
<b>Name &amp; Title:</b>				
Sam Mestayer, PE – Civil Engineer				
<b>Project Assignment:</b>				
Roadway Design				
<b>Name of Firm with which associated:</b>				
GIS Engineering, LLC				
<b>Years' experience with this Firm:</b>				
With this firm: <u>  1  </u> With other firms: <u>  4  </u>				
<b>Education: Degree(s) / Year / Specialization:</b>				
Bachelors of Science / 2016 / Environmental Engineering				
<b>Active registration: Year first registered / discipline:</b>				
Year first registered: <u>  2021  </u> Branch: <u>Civil</u> LA License No. <u>  PE 45933  </u>				
<b>Other experience and qualifications relevant to the proposed Project:</b>				
<p>Mr. Mestayer is the Lead Professional Engineer for Roadway with over 6 years of experience in projects that include roadway design, bridge design and hydraulic analysis. He has led the design of over 9 LADOTD projects including off-system bridges, new high-speed rural corridors, and roadway widening and reconstruction. His primary functions include roadway geometric design, roadway corridor modeling, and plan preparation. Mr. Mestayer has worked at LADOTD where he has gained critical knowledge in transportation and infrastructure engineering. Mr. Mestayer has experience involving transportation projects that are over \$50+ MM Construction Cost.</p> <p><b>S.P. NO. H. 014407, RODDY RD. @ LA 621 ROUNDABOUT, LADOTD - Ascension Parish, LA</b>          Mr. Mestayer was the Project Manager and Engineer of Record responsible for the design and plan development of a single lane roundabout, including right turn slip lanes in the northbound and southbound directions, in Ascension Parish. Mr. Mestayer is responsible for the development of all project design criteria and report forms, horizontal and vertical alignments, right-of-way taking determination, construction phasing, cross sectional pavement design, striping/signing, and storm sewer network design and calculations. He was responsible for coordinating property surveys and right-of-way maps with the survey team. He is also responsible for the coordination with traffic engineers in determining the proper intersection improvements at this location.</p> <p><b>ST. TAMMANY PARISH - SMITH ROAD BRIDGE AND INTERSECTIONS, Covington, LA</b>          Mr. Mestayer is currently serving as the Engineer of Record for the roadway design which consists of replacing the current existing bridge with a 3-span LG-25 Girder bridge. He is responsible for producing quality engineering drawings &amp; plan sets, developing horizontal and vertical roadway alignments, QA/QC, road design calculations including; complex "S" curve with superelevation design, design of drainage and other hydraulic elements, quantities, cost estimates, and attending meetings with the client. He is also the EOR responsible for project documentation including Design Report Forms and Design Waivers. Mr. Mestayer is also responsible for Construction Support by coordinating with Project Inspectors, Contractor and Owner, reviewing pay applications, and reviewing and responding to all RFI's and Submittals</p> <p><b>S.P. No. H. 011152, I-12 Widening (US 190 to LA 59), LADOTD - St. Tammany Parish, LA</b>          Mr. Mestayer provided engineering support and assisted with roadway vertical and horizontal alignment development, roadway cross sectional element design, drainage analysis and design, intersection geometric design and roadway plan production, median barrier design, pier protection design, guardrail design, and temporary interstate ramp sequencing of construction for the widening and reconstruction of four miles of Interstate 12 in Mandeville, LA.</p>				

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>				
<b>Name &amp; Title:</b>				
Connor McCarthy, PE – Civil Engineer				
<b>Project Assignment:</b>				
Roadway Design				
<b>Name of Firm with which associated:</b>				
GIS Engineering, LLC				
<b>Years' experience with this Firm:</b>				
With this firm: <u>1</u> With other firms: <u>1</u>				
<b>Education: Degree(s) / Year / Specialization:</b>				
Bachelors of Science / 2022 / Civil Engineering				
<b>Active registration: Year first registered / discipline:</b>				
Year first registered: <u>2023</u> Branch: <u>Civil</u> LA License No. <u>EI 35412</u>				
<b>Other experience and qualifications relevant to the proposed Project:</b>				
<p>Mr. McCarthy is the Transportation EI, who is a registered professional Civil Engineering EI licensed in Louisiana with more than 1 year of experience of infrastructure projects involving round-a-bouts, corridor widenings, and bridge replacements.</p> <p><b>APG (ASCENSION PARISH GOVERNMENT) - MA-17-02 - LA 621 AT RODDY RD, Gonzales, LA</b>            Mr. McCarthy served as Engineering support for the design of replacing the current stop-controlled intersection configuration at the Roddy Road and LA 621 intersection in Gonzales, LA, with a single lane roundabout. This includes installation of new drainage structures which tie into the existing drainage. Produced engineering drawings &amp; plan sets, developing horizontal and vertical roadway alignments, reviewing engineering drawings, interpreting LADOTD standard plans, performing road design calculations, design of storm drainage system using HYDR 6020 and other hydraulic elements, design of the striping and signing layout, quantifying roadway materials, cost estimates, and attending meetings with the client regarding the project's status and questions.</p> <p><b>LADOTD - H.013116 - LA 20 WIDENING, St. James Parish, LA</b>            Mr. McCarthy served as Engineering support. He assisted with roadway vertical and horizontal alignment development, roadway cross sectional element design, drainage analysis and design, intersection geometric design and roadway plan production.</p> <p><b>ST. TAMMANY PARISH - SMITH ROAD BRIDGE AND INTERSECTIONS, Covington, LA</b>            Mr. McCarthy is currently serving as the Engineer Intern for the design of replacing the current existing bridge with a LG-25 Girder bridge. Assisting in producing engineering drawings &amp; plan sets, developing horizontal and vertical roadway alignments, reviewing engineering drawings, interpreting LADOTD standard plans, performing road design calculations including super elevation, design of drainage and other hydraulic elements, quantifying bridge &amp; roadway materials, cost estimates, and attending meetings with the client regarding the project's status and questions. Responsible for project documentation including Design Report Forms.</p> <p><b>LADOTD - RURAL BRIDGE REPLACEMENT PHASE 2 - (H.014225, H.014228, H.014236), Webster And Bossier Parishes, LA</b>            Mr. McCarthy served as Engineer Intern for the design of replacing 12 structurally deficient bridges along various Louisiana highways in LADOTD districts 04 and 05. The existing bridges will be replaced with concrete slab span bridges with concrete piles, concrete approach slabs, and new guard rail. Some existing bridges will be replaced with box culverts. Assisted in producing engineering drawings &amp; plan sets, developing horizontal and vertical roadway alignments, reviewing engineering drawings, interpreting LADOTD standard plans, performing road design calculations, design of drainage and other hydraulic elements, quantifying bridge &amp; roadway materials, cost estimates, and attending meetings with the client regarding the project's status and questions. Mr. McCarthy ran the hydraulics model through GEO-HECRAS to determine design water surface elevations, velocities, backwater, and flow area. He produced the Final Hydraulic Reports and Scour Memorandum for several sites. Responsible for project documentation including Design Report Forms.</p>				

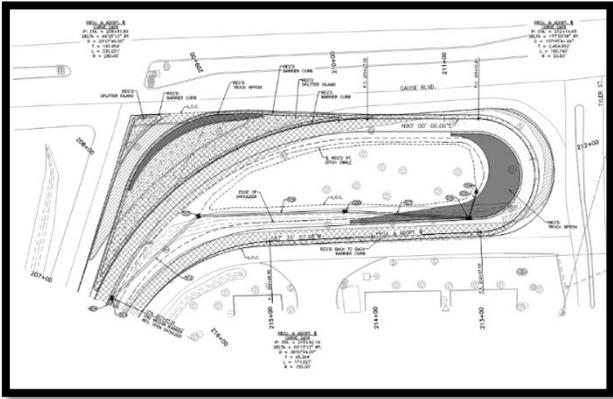
KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:				
<b>Name &amp; Title:</b>				
John Plaisance, PE, PLS – Sr. Engineer				
<b>Project Assignment:</b>				
QA/QC Manager				
<b>Name of Firm with which associated:</b>				
GIS Engineering, LLC				
<b>Years' experience with this Firm:</b>				
With this firm: 3 With other firms: 33				
<b>Education: Degree(s) / Year / Specialization:</b>				
Masters of Science / 1985 / Civil Engineering Bachelors of Science / 1983 / Civil Engineering				
<b>Active registration: Year first registered / discipline:</b>				
Year first registered:	1988	Branch: Civil	LA License No.	PE 24038
	1992		Survey	PLS 4669
<b>Other experience and qualifications relevant to the proposed Project:</b>				
<p>Mr. Plaisance is the Director of Operations of GIS Engineering - Galliano and is in charge of all day to day operations of the branch. He is a Louisiana Registered Civil Engineer and a Licensed Land Surveyor. Mr. Plaisance has provided surveying and utility improvements such as water lines, booster stations, and sewer systems; drainage improvements such as pump stations, flood walls, and piping; roadway improvements, topographic surveys, and ROW mapping.</p> <p><b>Grand Isle State Park Improvement Phase I – Grand Isle, LA (07/2020)</b> GIS provided engineering services for the evaluation and recommendations for improvements and restoration of roadways and trails at the Grand Isle State Park in Jefferson Parish, LA. Mr. Plaisance assisted in the design and oversight of construction.</p> <p><b>Triple Ridge Subdivision – Cut Off, LA (07/2015)</b> Mr. Plaisance was the Survey Lead and Project Engineer for the development of a 62 lot subdivision which included concrete streets, underground drainage, and utilities. Mr. Plaisance worked on all survey, plats and ROW mapping for the project.</p> <p><b>Lafourche Parish Government Project No. 3-G, Concrete Streets – Lafourche Parish, LA (01/2008)</b> Mr. Plaisance was the Project Engineer for the repair and/or reconstruction of several concrete streets located throughout central Lafourche Parish. Mr. Plaisance was responsible for the design of all elements of this project including survey and ROW mapping.</p> <p><b>Lafourche Parish Government Hardsurfacing of East 94th Street – Galliano, LA (08/2009)</b> Mr. Plaisance was the Project Engineer for the asphalt overlay of an existing 1.4-mile-long street located in Galliano. Mr. Plaisance was responsible for the design of all elements of this project including survey and ROW mapping.</p> <p><b>LaTour Subdivision, Phase 1 – Matthews, LA (06/2009)</b> Mr. Plaisance was the Survey Lead and Project Engineer for the development of a 48-lot subdivision (Phase 1 of over 500 lots) which included concrete streets, underground drainage, and utilities. Mr. Plaisance prepared all survey, plats and ROW mapping for the project.</p> <p><b>Lafourche Parish Water District No. 1, Multiple Water Lines – Lafourche Parish, LA (Ongoing)</b> Mr. Plaisance served as Survey Lead and Project Engineer for multiple water line projects in Lafourche Parish. He designed and prepared plans for multiple water line projects for the Lafourche Parish Water District No. 1. He has prepared construction plans for multiple large diameter transmission water lines as well as multiple distribution water lines. Mr. Plaisance was responsible for the design of all elements of this project including survey and ROW mapping.</p>				

## 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		
<p><b>Project Name, Location and Owner's contact information:</b></p> <p><b>FALGOUT CANAL ROAD REPAVING PROJECT</b></p> <p>Terrebonne Parish, LA</p> <p><b>OWNER:</b> Terrebonne Parish Consolidated Government</p> <p><b>Michael Toups</b> mctoup@tpcg.org 985-873-6735</p>	<p style="text-align: center;"><b>Nature of Firm's Responsibility:</b></p> <p><b>Project Summary:</b> Falgout Canal Road has experienced extensive settling and pavement deterioration due to construction activities over the past couple of years. For this project, GIS provided engineering services for the evaluation and recommendations for improvements and restoration of Falgout Canal Road. GIS then produced construction documents and managed bidding and construction.</p> <p>The Falgout Canal Road project consisted of repaving approximately 2.93 miles and raising approximately 1.10 miles of Falgout Canal Road, located in Terrebonne Parish, Louisiana. The project had a total cost of \$3.43M over a total contract time of 250 calendar days.</p>	
		
<p><b>Completion Date (Actual or Estimated)</b></p>	<p><b>Estimated Cost:</b></p>	
<p>January 2019 (A)</p>	<p><b>Entire Project:</b></p> <p>\$575K (E)</p>	<p><b>Work for which Firm was Responsible:</b></p> <p>Engineering and Design, Construction Drawings, Admin &amp; Inspection</p>

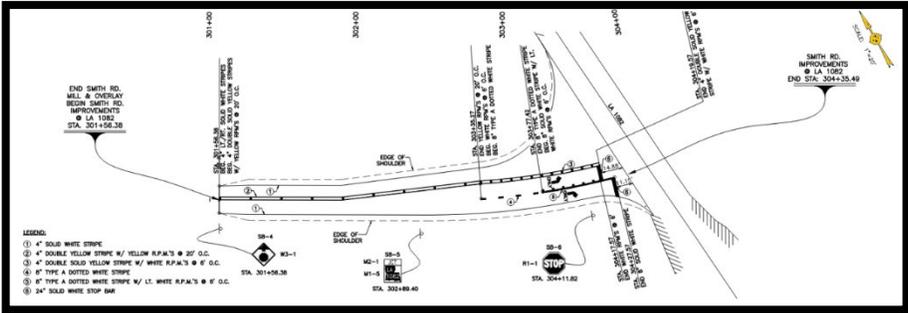
PROJECT NO. 2		
<p><b>Project Name, Location and Owner's contact information:</b></p> <p>HARRISON AVE PHASE I – US 190 to I Street</p> <p>St. Tammany, LA</p> <p><b>OWNER:</b> St. Tammany Parish Government</p> <p><b>Truman Sharp</b> tdsharp@stpgov.org 985-898-2552</p>	<p style="text-align: center;"><b>Nature of Firm's Responsibility:</b></p> <p><b>Project Summary:</b></p> <p>GIS Engineering, LLC has been contracted to widen the existing 2-lane Harrison Avenue from US 190 to I Street, conduct a drainage design evaluating box culverts, and replace the current stop-controlled intersection configuration at the Harrison Avenue and Falconer Drive/Reed Lane intersection with a single lane roundabout in accordance with LADOTD standards. This project aims to address both capacity and safety issues due to significant growth in recent years. GIS is responsible for the design process, encompassing the following tasks:</p> <ol style="list-style-type: none"> <li>1. Perform a comprehensive gap analysis of the received existing data and plans and compile the findings into a gap analysis matrix.</li> <li>2. Complete survey services necessary for the design per LADOTD requirements – topographic, boundary, ROW maps, assist with acquisitions.</li> <li>3. Submit permit drawings and perform a wetland delineation to obtain applicable permits for the construction of the project.</li> <li>4. Deliver sealed final plans, specifications, construction cost estimate, and calculations for bidding and construction.</li> </ol>	
		
<b>Completion Date (Actual or Estimated)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Ongoing	\$847K (E)	Engineering, Design, Construction Drawings, Permitting

PROJECT NO. 3						
<p><b>Project Name, Location and Owner's contact information:</b></p> <p>I-10 Gause Boulevard Intersection</p> <p>St. Tammany, LA</p> <p><b>OWNER:</b> St. Tammany Parish Government</p> <p><b>Truman Sharp</b> tdsharp@stpgov.org 985-898-2552</p>	<p style="text-align: center;"><b>Nature of Firm's Responsibility:</b></p> <p><b>Project Summary:</b> GIS Engineering, LLC has been contracted to design and improve the current exit configuration at the intersection of Interstate 10 and Gause Blvd. St. Tammany's ultimate objective is to implement a safety-oriented traffic loop onto the adjacent service road, based off of LADOTD's Stage 0 report. This project aims to address existing safety concerns along Gause Blvd. The proposed design consists of the addition of a travel lane and installation of a median barrier, an overhead sign truss, and barrier curb. The additional travel lane provides a dedicated exit directly from the interstate onto the service road by use of a loop configuration designed to WB-67 standards. This design incorporates superelevation to aid in decelerating vehicles and includes a truck apron to accommodate larger vehicles in the turns. To address the challenge of stormwater draining through the median barrier, slots will be incorporated to provide positive drainage into proposed structures tying into the existing conveyance system. GIS is responsible for the design process, encompassing the following tasks:</p> <ol style="list-style-type: none"> <li>1. Perform survey services necessary for the design of the project in accordance with LADOTD requirements.</li> <li>2. Conduct comprehensive soil investigations and analyses to determine the roadway pavement design requirements.</li> <li>3. Coordinate with Parish and LADOTD and obtain LADOTD Project Permit.</li> <li>4. Deliver sealed final plans, specifications, construction cost estimate, and calculations for bidding and construction.</li> </ol> <div style="text-align: center; margin-top: 20px;">  </div>					
<p><b>Completion Date (Actual or Estimated)</b></p> <p>Ongoing</p>	<p style="text-align: center;"><b>Estimated Cost:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 35%; padding: 5px; text-align: center;"><b>Entire Project:</b></td> <td style="padding: 5px; text-align: center;"><b>Work for which Firm was Responsible:</b></td> </tr> <tr> <td style="padding: 5px; text-align: center;">\$348K (E)</td> <td style="padding: 5px; text-align: center;">Engineering, Design, Construction Drawings, Permitting</td> </tr> </table>		<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>	\$348K (E)	Engineering, Design, Construction Drawings, Permitting
<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>					
\$348K (E)	Engineering, Design, Construction Drawings, Permitting					

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>ASHLAND LANDFILL ROAD EXTENSION</b></p> <p>Terrebonne Parish, LA</p> <p><b>OWNER:</b> Terrebonne Parish Consolidated Government</p> <p>Clay Naquin cnaquin@tpcg.org 985-973-6735</p>	<p><b>Project Summary:</b> This project consists of improving approximately 4500 linear feet of an existing gravel-surface access road at the Ashland Landfill in Terrebonne Parish, Louisiana. The existing roadway comprises of a rigid pavement section and provides access to retention ponds at the landfill facility. The proposed improvement will consist of upgrading the existing gravel-surface road to a new 2-lane undivided portland cement concrete pavement (PCCP). This project also consisted of pavement patching, panel replacement, drainage improvements, utility relocations, access improvements into the landfill facilities, and upgraded a public boat launch along the corridor.</p> <div style="text-align: center;">      </div>	
<b>Completion Date (Actual or Estimated)</b>	<b>Estimated Cost:</b>	
October 2021	<b>Entire Project:</b> \$249K (E)	<b>Work for which Firm was Responsible:</b> Surveying, Engineering, Design, Permitting, Constr. Admin and Insp

PROJECT NO. 5						
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p><b>HOLLYWOOD ROAD BRIDGE AT HWY 182</b></p> <p>Terrebonne Parish, LA</p> <p><b>OWNER:</b> Terrebonne Parish Consolidated Government</p> <p><b>Jeanne Bray</b> jbray@tpcg.org 985-873-6735</p>	<p><b>Project Summary:</b> GIS provided the Professional Engineering Services of Bridge Design and Load Rating to the Terrebonne Parish Consolidated Government (TPCG) for the Hollywood Road Extension Bridge Project, which included extension of Hollywood Road from Southdown Mandalay Road across Bayou Black to LA 182 by way of construction of a new bridge.</p> <p>GIS coordinated with Geotechnical engineers and conducted site investigations in order to provide the best-fit substructure design to minimize impedance to existing hydraulics. GIS worked closely with LADOTD's District 02 Traffic Engineer in order to provide an adequate and approved traffic analyses report reflecting the recommended intersection configurations for the design year 2030.</p> <p>This project required bridge design and as-designed load rating of a continuous reinforced concrete slab span supported by reinforced concrete caps and founded on prestressed precast concrete piles. GIS also submitted preliminary reports and summary of findings reports to the Parish. In addition to utilizing LADOTD's BDEM for the bridge design, GIS followed the LADOTD Off-System Bridge Policies as well. The as-designed Load Rating was completed utilizing AASHTOWareBrDR for the reinforced concrete superstructure and RC Pier and spreadsheets for the reinforced concrete caps and referenced all pertinent information in the LADOTD BDEM specifically Part II, Volume 5, Chapter 6.</p>					
						
<p><b>Completion Date (Actual or Estimated)</b></p> <p>2024</p>	<p><b>Estimated Cost:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; padding: 5px;">Entire Project:</th> <th style="width: 50%; padding: 5px;">Work for which Firm was Responsible:</th> </tr> <tr> <td style="text-align: center; padding: 5px;">\$300K (E)</td> <td style="text-align: center; padding: 5px;">Surveying, Engineering, Design, Permitting, Constr. Admin and Insp</td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	\$300K (E)	Surveying, Engineering, Design, Permitting, Constr. Admin and Insp
Entire Project:	Work for which Firm was Responsible:					
\$300K (E)	Surveying, Engineering, Design, Permitting, Constr. Admin and Insp					

# TEC Professional Services Questionnaire

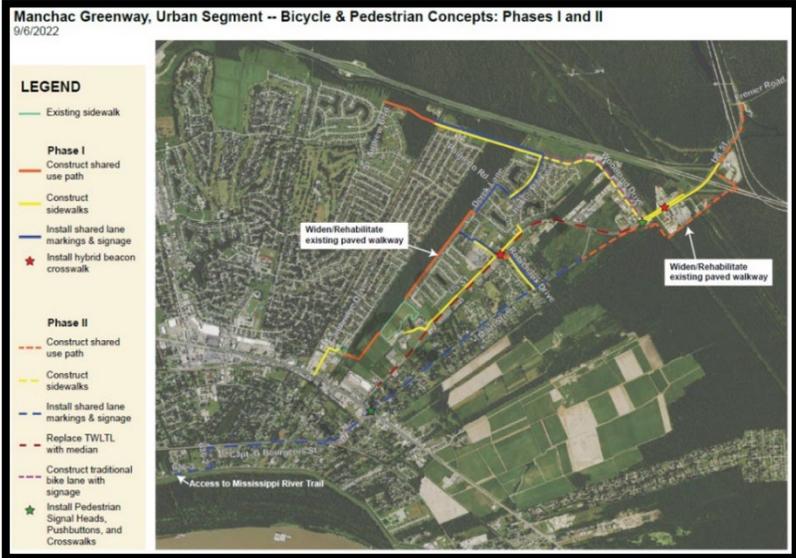
PROJECT NO. 6						
<p><b>Project Name, Location and Owner's contact information:</b></p> <p><b>SMITH ROAD INTERSECTION WIDENING</b></p> <p><b>St. Tammany Parish, LA</b></p> <p><b>OWNER:</b> <b>St. Tammany Parish Government</b></p> <p><b>Chris Corvers</b> ccorvers@stpgov.org 985-898-2700</p>	<p style="text-align: center;"><b>Nature of Firm's Responsibility:</b></p> <p><b>Project Summary:</b> Smith Road connects Louisiana State Highways 1081 and 1082 and provides access for the residences along its route. The existing intersections at each end of Smith Road in St. Tammany Parish consists of 1 travel lane in each direction. The skewed intersections at each of the State Highways provide a safety risk for drivers. The current intersections with LA 1081 and LA 1082 are inadequate for the traffic volume and delay times associated with the area. St. Tammany parish contracted GIS Engineering to complete the design and plan production for adding a designated left turn lane at each of the intersections.</p> <p>These improvements to the intersections of Smith Rd with LA 1081 and LA 1082 allow for increased capacity and provide safer ingress and egress to Smith Road. The design improvements for both intersections (Smith Road at Stafford Road/LA 1081, Smith Road at Old Military Road/LA 1082) will modify a skewed intersection at a state route by adding a designated turning lane and changing the roadway geometry to a 90-degree angle approach. The design includes a Corridor Survey, ROW Mapping, Permitting, Geotechnical Investigation, Drainage Analysis, Horizontal and Vertical Geometry, Utility Coordination, and Final Construction Documents.</p>					
						
<p><b>Completion Date (Actual or Estimated)</b></p> <p style="text-align: center;">ONGOING</p>	<p style="text-align: center;"><b>Estimated Cost:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; padding: 5px;"><b>Entire Project:</b></td> <td style="width: 50%; text-align: center; padding: 5px;"><b>Work for which Firm was Responsible:</b></td> </tr> <tr> <td style="text-align: center; padding: 5px;">\$451K</td> <td style="text-align: center; padding: 5px;">Roadway Design &amp; Construction Mgmt</td> </tr> </table>		<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>	\$451K	Roadway Design & Construction Mgmt
<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>					
\$451K	Roadway Design & Construction Mgmt					

PROJECT NO. 7						
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p><b>SMITH ROAD BRIDGE REPLACEMENT</b></p> <p>St. Tammany Parish, LA</p> <p><b>OWNER:</b> St. Tammany Parish Government</p> <p><b>Chris Corvers</b> ccorvers@stpgov.org 985-898-2700</p>	<p><b>Project Summary:</b> The existing bridge on Smith Road in St. Tammany Parish was constructed in 2001 and it consists of a rail car on a concrete substructure. The bridge spans the Little Bogue Falaya river. St. Tammany parish contracted GIS Engineering to complete a Substructure Analysis on the existing bridge to verify the structural capacity of the piles and bents. The analysis confirmed that the existing substructure was not viable and a new bridge would need to be constructed according to the DOTD Off System Bridge Guidelines. Smith Road connects Louisiana State Highways 1081 and 1082 and provides access for the residences along its route. The bridge lies in an S-curved portion of the existing roadway and posing a safety risk for drivers.</p> <p>The newly designed bridge consists of LG-25 girders with composite deck and link slabs to prevent additional joints. The substructure consists of reinforced concrete caps founded on PPC piles. The approach roadway alignment has also been smoothed out to increase the safety in the area surrounding the bridge and decrease the likelihood of traffic incidents. The design includes a Corridor Survey, ROW Mapping, Permitting, Geotechnical Investigation, Drainage Analysis, Horizontal and Vertical Geometry, Utility Coordination, and Final Construction Documents.</p> <div style="text-align: center; margin-top: 20px;">  </div>					
<p><b>Completion Date (Actual or Estimated)</b></p> <p style="text-align: center;">ONGOING</p>	<p style="text-align: center;"><b>Estimated Cost:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 30%; padding: 5px;">Entire Project:</th> <th style="width: 70%; padding: 5px;">Work for which Firm was Responsible:</th> </tr> <tr> <td style="text-align: center; padding: 5px;">\$259K (E)</td> <td style="padding: 5px;">Surveying, Engineering, Design, Permitting, Constr. Admin and Insp</td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	\$259K (E)	Surveying, Engineering, Design, Permitting, Constr. Admin and Insp
Entire Project:	Work for which Firm was Responsible:					
\$259K (E)	Surveying, Engineering, Design, Permitting, Constr. Admin and Insp					

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>LA 1: LEEVILLE TO GOLDEN MEADOW</b></p> <p>Lafourche Parish, LA</p> <p><b>OWNER:</b> LADOTD (Sub to ECM)</p> <p><b>Ryan Morvant</b> dotdcs@la.gov 225-379-1232</p>	<p><b>Project Summary:</b></p> <p>GIS is performing Construction Engineering and Inspection Services of Phase 2 of the LA 1 elevated highway from LA 3235 in Golden Meadow to the Tomey Doucet Bridge in Leeville. This project will also widen existing bridge at a 90 degree curve in Leeville for 1750 feet and extend it northward by 390 feet. The widening of the intersection will accommodate a tie-in for the future elevated highway coming from Golden Meadow.</p> <p>GIS engineering has two full-time Resident Project Representatives and a Professional Engineer on site for all construction activities for this project. GIS Professional Engineer is assisting the Prime Consultant with overseeing the QA/QC for the elevated bridge construction. Our staff of engineers and project representatives on-site are aiding in the lessons learned during construction to provide design assistance for future elevated highway and bridge development.</p> <div style="text-align: center; margin-top: 20px;">  </div>	
<b>Completion Date (Actual or Estimated)</b>	<b>Estimated Cost:</b>	
ONGOING	<b>Entire Project:</b> \$4.1M (E)	<b>Work for which Firm was Responsible:</b> Construction Engineering, Admin and Insp

## TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>MRB SOUTH GBR: LA 1 TO LA 30 CONNECTOR</b></p> <p><b>OWNER:</b> LADOTD (Sub to Atlas)</p> <p><b>Brandon Hebron, PE</b> dotdcs@la.gov 225-379-1232</p>	<p><b>Project Summary:</b> GIS Engineering, LLC has been contracted to engage in an Enhanced Planning investigation into S.P. No. H.013284, MRB South GBR: LA 1 to LA 30 Connector, whose ultimate objective is to construct a new crossing of the Mississippi River. The connector shall be located north of the LA 70 "Sunshine" river crossing and south of the I-10 river crossing. The connector shall connect to LA 1 on the west side of the river and to LA 30 on the east side of the river. More specifically, GIS Engineering is performing the Navigation Study and QA for roadway design which involves the following tasks:</p> <ol style="list-style-type: none"> <li>1. Develop a preliminary agency coordination plan to present to cooperating and participating agencies for review and consensus. Update the list of agencies and coordination plan throughout the project as needed. Assist in preparation with a list of stakeholders and their contact information including, but not limited to, interested entities, governmental and elected officials, utilities, railroads, environmental groups, civic groups, and neighborhood associations. Develop a preliminary public involvement plan for review.</li> <li>2. Obtain and review readily available, previous studies or plans for a new Mississippi River Bridge in the study area, whether an independent facility or as part of a larger facility, available through the Capital Region Planning Commission, one or more-member parishes, or the DOTD.</li> <li>3. Assist with conducting an iterative process of analyzing and assessing plausible alternative corridors that meet the preliminary statement of Purpose and Need.</li> <li>4. Perform QA of Line and Grade Study in accordance with LADOTD Road Design Manual.</li> </ol> <div style="text-align: center; margin-top: 20px;">  </div>	
<b>Completion Date (Actual or Estimated)</b>	<b>Estimated Cost:</b>	
Ongoing	<b>Entire Project:</b> \$184k (E)	<b>Work for which Firm was Responsible:</b> Planning and Permitting

PROJECT NO. 10						
<p><b>Project Name, Location and Owner's contact information:</b></p> <p><b>MANCHAC GREENWAY STAGE 0 FEASIBILITY STUDY</b></p> <p>St. John the Baptist Parish, LA</p> <p><b>OWNER:</b> RPC New Orleans (Sub to Urban Systems)</p> <p><b>Matthew Morgan</b> 504-483-8500</p>	<p style="text-align: center;"><b>Nature of Firm's Responsibility:</b></p> <p><b>Project Summary:</b></p> <p>GIS Engineering assisted the Prime Consultant with the development of a Stage 0 Feasibility Study for the Manchac Greenway. The Regional Planning Commission (RPC) and St. John the Baptist Parish are advancing efforts to provide safe routes for bicyclists and pedestrians to travel from developed areas in Laplace, LA to the designated Greenway. GIS' responsibilities detailed conducting site visits, assisted in alternatives development, produced Engineers Opinion of Probable Costs for each alternative, constructability and feasibility reviews with respect to drainage and safety, and estimating impacts to utilities and environmentally sensitive areas. GIS' contributions leveraged knowledge and historical transportation planning efforts from a previous study performed for t. John the Baptist Parish focused on traffic, drainage, and aesthetic improvements at the I-10/US 51 Interchange.</p> <div style="text-align: center; margin-top: 20px;">  </div>					
<p><b>Completion Date (Actual or Estimated)</b></p> <p>2022</p>	<p style="text-align: center;"><b>Estimated Cost:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; padding: 5px;"><b>Entire Project:</b></td> <td style="width: 67%; padding: 5px;"><b>Work for which Firm was Responsible:</b></td> </tr> <tr> <td style="text-align: center; padding: 5px;">\$14K (E)</td> <td style="text-align: center; padding: 5px;">Planning</td> </tr> </table>		<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>	\$14K (E)	Planning
<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>					
\$14K (E)	Planning					

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

Parties:		Status / Result of Case:
Plaintiff:	Defendant:	
1.	N/A	
2.		
3.		
4.		
5.		
6.		

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

**INTRODUCTION**

GIS Engineering, LLC, a wholly owned subsidiary of Grand Isle Shipyard, Inc., is comprised of two main engineering divisions, Coastal Design & Infrastructure and Industrial, with branch offices in New Orleans, Houma, Lafayette, Napoleonville, Galliano, New Roads and Baton Rouge. GIS strives to be “The Professional Service Provider of Choice.” We make it our mission to “deliver superior services that exceed clients’ and communities’ expectations through responsive and empowered employees.” GIS is committed to providing superior services to the Parish. Our team have spent nearly their entire careers working in the coastal marshes of Louisiana, in and around Jefferson Parish. GIS has a regionally-recognized reputation for integrity and engineering expertise. Our firm maintains over a 90-percent level of repeat business reflecting our core mission – To provide quality engineering, design and construction management services to our customers in a safe and environmentally sound manner at fair and competitive prices. We seek to provide maximum value to our customers through a partnership-minded approach that tailors our services to fit each clients’ unique business drivers and needs. Our diverse and experienced staff know how to be responsive on small, medium, or large-scale projects, tailoring appropriate-sized teams for each project.

**CRITERION NO. 1: PROFESSIONAL TRAINING AND EXPERIENCE**

**ONEIL MALBROUGH, JR., REM**, has over 40 years of experience in environmental planning, coastal design, and project management, and is a Registered Environmental Manager. Mr. Malbrough has served Jefferson Parish as a consultant for three decades. In 2004, he led a drainage study that included most of Grand Isle. He also prepared the Parish’s coastal master plans in 1992, 2002, 2012, and 2015, and contributed to myriad coastal protection and restoration projects under the CWPPRA program. His experience with Jefferson Parish and other local clients has given him the expertise, skill, and insight required to deliver effective construction documents.

**JACOB LOESKE, PE, LSI**, Project Manager and Senior Civil Engineer for this contract, has more than 20 years of experience having developed, delivered, and managed complex roadway projects for state and local agencies. He has managed multiple roadway projects from minor intersection improvements to interstate widening projects involving bridge widening and interchange overpass and ramp modifications, drainage design and lighting systems design. He has experience within Jefferson Parish, having performed the Interchange Modification Report and Environmental Assessment for the I-10/Loyola Interchange for the new MSY terminal in Kenner. Mr. Loeske also serves as Treasurer/Secretary on the APWA Northshore Branch Board, active in LES Baton Rouge Chapter (Past President amongst all offices), and participates on the ACEC Transportation Committee. Mr. Loeske’s significant projects and relevant experience along Louisiana’s Highway/Interstate system include:

<b>Road Design Projects (CAPACITY):</b>	<b>Additional Transportation Planning and Environmental Studies (ENHANCEMENTS):</b>
<b>I-12: LA 1077 to LA 21 Improvements (widening), LADOTD, Covington, LA</b>	<b>I-10/Loyola Improvements (IMR and EA) for MSY Terminal, LADOTD, Kenner, LA</b>
<b>I-12: LA 21 to US 190 Improvements (widening), LADOTD, Mandeville, LA</b>	<b>Houma-Thibodaux to I-10 Corridor Env. Impact Statement (EIS), Southeastern, LA</b>
<b>I-12/LA 59 Interchange Improvements, LADOTD, Slidell, LA</b>	<b>LA 73 (LA 74 to LA 621) Stage 0 Fea. and Env. Inventory, LADOTD, Prairieville, LA</b>
<b>I-59/LA 1090 Interchange Improvements, LADOTD, Pearl River, LA</b>	<b>LA 3132 Inner Loop Ext. Stage 0 Feas. Study and Env. Inventory, LADOTD, Shreveport, LA</b>
<b>US 61 at Belle Terre Intersection Improvements, LADOTD, LaPlace, LA</b>	<b>Florida Avenue Expressway State 0 Feas. and Env. Inventory, LADOTD, New Orleans, LA</b>
<b>US 61 at Hemlock St. Intersection Improvements, LADOTD, LaPlace, LA</b>	<b>US 84 Widening Environmental Assessment, LADOTD, Winnfield, LA</b>

GIS's staff includes 15 Professional Engineers in the Civil discipline that are ready to contribute to this project, including several with past experience delivering projects in Jefferson Parish. Our training and past experience providing planning, feasibility studies, environmental assessments, design and engineering, permitting, and construction management for public clients has readied us to deliver value for Jefferson Parish.

### CRITERION NO. 2: SIZE OF FIRM

As noted above, GIS Engineering is one of the largest engineering firms in the State, with 174 employees. **All of our full-time staff live and work in South Louisiana.** We have the technical staff required for this contract, including 20 Professional Civil Engineers, 19 Engineer Interns, 14 design technicians, 11 construction inspectors, and all of the necessary support staff required to successfully complete any roadway improvement projects assigned under this Routine Engineering Services for Streets Projects Contract.

### CRITERION NO 3: CAPACITY FOR TIMELY COMPLETION OF NEWLY ASSIGNED WORK

GIS prides itself on delivering projects on aggressive schedules. We challenge ourselves to beat timelines and budgets on every project. GIS Engineering has grown continuously since forming in 2016. Now with 174 employees, we have grown to one of the largest LOCAL engineering firms in the State. In recent months, the New Orleans and Baton Rouge offices have added seven additional staff to strengthen our bench should our workload increase. This extra staff provides ample capacity to complete surveying with unmanned vessels, drones, and other state of the art equipment to gather existing data and inventory in an expeditious manner. We are committed to continue growing our staff to exceed client expectations and deliver quality products in a timely manner to our clients.

### CRITERION NO. 4: PAST PERFORMANCE ON PARISH CONTRACTS

Oneil Malbrough has demonstrated a record of success over his three decades of consulting for Jefferson Parish. Projects he has delivered include:

- Jefferson Parish Comprehensive Coastal Plan – 1992, 2002, 2015
- Northeast Turtle Bay Marsh Creation and Critical Shoreline Protection
- Barataria Bay Waterway West Side Shoreline Protection
- Barataria Bay Waterway East Side Shoreline Protection
- South Shore of the Pen Shoreline Protection and Marsh Creation
- Barataria Basin Landbridge Shoreline Protection – Phases 1-4

Many of our key staff also have experience with successful delivery for Jefferson Parish, as shown on their resumes in this proposal.

### CRITERION NO. 5: LOCATION OF THE PRINCIPAL OFFICE WHERE WORK WILL BE PERFORMED

GIS Engineering will execute task orders/assignments from our New Orleans office, located in the Central Business District in The Exchange building (formerly Chevron Place). Our offices in Baton Rouge, Houma, Lafayette, Napoleonville, and Galliano will support our New Orleans staff as needed. **ALL 174 GIS ENGINEERING EMPLOYEES LIVE AND WORK IN SOUTH LOUISIANA.** **EIGHTEEN (18) OF THE TWENTY-EIGHT (28) GIS EMPLOYEES LOCATED IN THE NEW ORLEANS OFFICE RESIDE IN JEFFERSON PARISH. GIS HAS PARTICIPATED IN THE JEFFERSON PARISH VOLUNTEER TREECYCLING DAY FOR THE LAST FEW YEARS! JP IS WHERE WE CALL HOME!**

### CRITERION NO. 6: ADVERSARIAL LEGAL PROCEEDING BETWEEN THE PARISH AND FIRM

GIS has not been involved in any legal proceedings with Jefferson Parish.

### CRITERION NO. 7: PRIOR SUCCESSFUL COMPLETION OF SIMILAR PROJECTS

As illustrated in the resumes and project descriptions within this questionnaire, GIS has a successful track record of delivering construction bid packages for roadway and bridge projects of various sizes and performing construction administration and inspection on behalf of clients.

References for these and other projects include:

- David Camardelle, Mayor, Town of Grand Isle: mayor.togi@viscom.net
- Marion F. Edwards, Councilman, District 1, Jefferson Parish: marionedwards@jeffparish.net
- Chett Chiasson, Executive Director, Port Fourchon: chettc@portfourchon.com
- Archie Chaisson, President, Lafourche Parish: chaissonap@lafourchegov.org

**“Over the years in my previous government roles and continuing in my current role as Lafourche Parish President, I have engaged professional engineering services with GIS Engineering (GIS). Their firm has consistently demonstrated the ability to perform at a high level, fast tracking projects and exceeding our expectations on tasks assigned to them. GIS has the resources and technical capacity of some of the largest firms in the country, yet they still have that small-town passion and gift of service – putting their clients’ needs 1st before their own.**

**Having a company like this close to home and staffed with hard working local employees is a great resource. Whenever the need arises, we will always consider working with GIS for professional services and technical assistance because they know how to deliver.”**

**Archie Chaisson, III - Lafourche Parish President**

### MINIMUM REQUIRED QUALIFICATIONS

1. One Principal who is a professional engineer registered in Louisiana – Ben Malbrough, PE, is Vice President of GIS Engineering with legal authority to act on behalf of the company. He serves as GIS Engineering’s supervising professional.
2. Professional in charge of the project who is a professional engineer registered in Louisiana with minimum of five (5) years’ experience in roadway design– Jacob Loeske, PE, LSI, will serve as the Project Manager and has 20 years of experience delivering transportation projects for clients throughout Louisiana.
3. Professional engineer licensed in Louisiana –Brady Richard, PE, is a Louisiana licensed Professional Engineer with over 15 years of experience performing Public Works projects related to roadways. Also, all of the professional engineers listed in this response are licensed in Louisiana.

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

Signature:  Print Name: Benjamin Malbrough, PE

Title: Vice President Date: 07/16/2024