
April 29, 2021

Engineering Department
Parish of Jefferson

**RE: PROFESSIONAL SURVEYING SERVICES – SOQ 21-014
Resolution No. 137285**

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 100 employees within the State with extensive experience on survey projects to support transportation, drainage, flood protection, and coastal restoration 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 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,



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

CC: Oneil Malbrough, Jr., REM, Sr. Vice President - Principal – oneilm@gisy.com
Jacob Loeske, PE, Director of Transportation - jloeske@gisy.com
John Plaisance, PE, PLS, Director of Operations – Galliano – jplaisance@gisy.com

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Professional Surveying Services for Projects in Jefferson Parish
 SOQ No.: 21-014; Res. No. 137285

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:

Dustin Malbrough, PE, Vice President
 Office: (985) 219-1000 Email: dustinm@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.

John W. Plaisance, II, PE, PLS, Project Manager
 Office: (985) 219-1000 Cell: (985) 691-9496 Email: jplaisance@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	10	Administrative	1	1	Estimators	2	2	Specification Writers
		Architects (Licensed)			Geologists	7	7	Structural Engineers
		Chemical Engineers			Geotechnical Engineers			Graduate Engineers
15	15	Civil Engineers			Interior Designers			Project Managers
11	11	Construction Inspectors			Landscape Architects			Clerical
		Ecologists			Land Surveyor	1	1	Grant/Funding Specialist
6	6	Electrical Engineers	6	6	Mechanical Engineers			Sanitary Engineers
6	6	Engineer Intern	1	1	Environmental Engineers			Designers
4	4	Professional Land Surveyors			TOTAL	104	104	

NOTE: LA=Louisiana Personnel US=United States Personnel (outside of 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.

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

TEC Professional Services Questionnaire

- 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 104 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.



TEC Professional Services Questionnaire

PROFESSIONAL IN CHARGE OF PROJECT:
Name & Title: Oneil P. Malbrough, Jr., REM, Sr. Vice President
Project Assignment: Principal in Charge
Name of Firm with which associated: GIS Engineering, LLC
Years' experience with this Firm: With this firm: <u>4</u> With other firms: <u>40</u>
Education: Degree(s) / Year / Specialization: Masters of Science / 1995 / Environmental Engineering Bachelors of Science / 1975 / Engineering Science
Active registration: Year first registered / discipline: Year first registered: <u>1992</u> Branch: <u>Registered Environmental Manager</u> LA License No. <u>5311</u>
Other experience and qualifications relevant to the proposed Project:
<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>TOWN OF GRAND ISLE (TOGI) (2016) Mr. Malbrough and his team assisted the TOGI in completing Emergency Repairs to a portion of the Grand Isle and Vicinity Beach Erosion and Hurricane Protection Project Levee on the western end of Grand Isle.</p> <p>JEFFERSON PARISH (JP) COMPREHENSIVE COASTAL PLAN (1992, 2002, 2012) In 1992 Mr. Malbrough led a team of coastal engineers and scientists to produce a Coastal Master Plan for JP. In 2002 and 2012, Mr. Malbrough led his team to update the Plan with current and new projects.</p> <p>NUMEROUS CWPPRA PROJECTS IN JEFFERSON PARISH (1985-2005) 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>LA DEPT OF NATURAL RESOURCES COMPREHENSIVE BARRIER ISLAND STUDY: (1990-1994) 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>SOUTH TERREBONNE TIDEWATER AND CONSERVATION DISTRICT (STTMCD): (2007, 2014) 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> <p>AMITE RIVER AND TRIBUTARIES ECOSYSTEM/BAYOU MANCHAC RESTORATION STUDY, PONTCHARTRAIN LEVEE DISTRICT (2004 – 2014) Mr. Malbrough supervised the engineering and planning support for this ecosystem feasibility study on behalf of the PLD. While the primary focus of the study was ecosystem restoration, the study also included other measures such as flood control, flood risk reduction and recreational benefits.</p> <p>DREDGED MATERIAL LONG-TERM MANAGEMENT PLAN, LA - DNR (1993 – 1994) As Program Manager, Mr. Malbrough led his team to develop a long-term management plan for beneficial use of dredged material for all 10 of the federally sponsored navigation channels: Mississippi River, MRGO, Barataria Bay Waterway, GIWW, Bayou Lafourche, HNC, Atchafalaya River, Freshwater Bayou, Mermentau River and Calcasieu River.</p>

PROFESSIONAL IN CHARGE OF PROJECT:
Name & Title:
Dustin Malbrough, PE, Vice President
Project Assignment:
Principal in Charge
Name of Firm with which associated:
GIS Engineering, LLC
Years' experience with this Firm:
With this firm: <u>4</u> With other firms: <u>11</u>
Education: Degree(s) / Year / Specialization:
Bachelors of Science / 2007 / Civil Engineering
Active registration: Year first registered / discipline:
Year first registered: <u>2011</u> Branch: <u>Civil Engineer</u> LA License No. <u>36779</u>
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Malbrough is a registered Professional Engineer with more than 15 years of design and construction management experience on large, complex infrastructure projects across South Louisiana. He has been directly responsible, as either a Principal, Project Manager, or Engineer of Record, for the design and construction of more than \$150 Million dollars' in infrastructure (Roads, Drainage and Flood protection) projects in Louisiana. His most professional experience came on IHNC Surge Barrier Project (New Orleans, LA), the 1.3-Billion-dollar Design-Build project constructed after Hurricane Katrina: the largest Civil Works (Design-Build) project ever awarded in the history of the U.S. Army Corps of Engineers.</p> <p>FALGOUT CANAL ROAD REHABILITATION – Theriot, LA (2017-2018) Client manager and overall QA/QC (principal-in-charge) for the project. In this role, he was responsible for all contractual obligations and coordination between GIS and the client - Terrebonne Parish Consolidated Government.</p> <p>UPPER BARATARIA RISK REDUCTION SYSTEM –Lafourche and St. Charles Parishes, LA (2018-Ongoing) Client manager and overall QA/QC (principal-in-charge) for the project. In 2018, he oversaw the preparation of the 10% conceptual design report for the project, which defined the project features and alignments and estimated the project costs. In 2019, he oversaw the preliminary design of T-walls and a roller gate within the project along with a drone survey of 11 miles of levees in the project alignment. He is currently overseeing the preliminary design of a 270' wide barge gate and a \$3.5M levee lift.</p> <p>INNER HARBOR NAVIGATIONAL CANAL (IHNC) PROJECT - New Orleans, LA (2008-2011) Deputy Design and Construction Quality Control Engineer for this project. In this role, he was responsible for creating and implementing a comprehensive design and construction quality control system that provided the necessary review and checks to ensure compliance for the project. This included but was not limited to all quality control processes, procedures, management of all the daily reporting and payroll documentation as well as submittal reviews and approvals. The IHNC project consisted of constructing a concrete barrier wall, 2 miles long with a top of wall elevation of 26 feet, to help protect the City of New Orleans and its surrounding areas from flooding.</p> <p>UPPER REACH F LEVEE ALIGNMENT PROJECT – Terrebonne Parish, LA (2014-2015) Project Manager and Engineer of Record for the project. Malbrough successfully designed and managed the construction of nearly 3-miles of earthen embankment (levee) consisting of off-site excavation, material processing, testing, hauling and placing of 1.1 Million cubic yards of fill material. This fill material was placed directly adjacent to the Houma Navigation Canal just south of Falgout Canal road in open water/marsh conditions.</p> <p>LOWER REACH F LEVEE ALIGNMENT PROJECT – Terrebonne Parish, LA (2013-2014) Project Manager and Engineer of Record for the project. In this role, he was responsible for all planning, design, permitting, bidding, and construction management for the project. This project consisted of 1-mile of earthen embankment (levee) consisting of dredging, on-site material processing, testing and placement of nearly 500,000 cubic yards of material dredged from the Houma Navigation Canal. This dredged material was placed directly adjacent to the Houma Navigation Canal in open water creating valuable and habitat producing wetlands.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:		
Name & Title:		
John W. Plaisance, II, PE, PLS		
Project Assignment:		
Project Manager		
Name of Firm with which associated:		
GIS Engineering, LLC		
Years' experience with this Firm:		
With this firm: <u> 2 </u> With other firms: <u> 34 </u>		
Education: Degree(s) / Year / Specialization:		
Master of Science 1985 Civil Engineering Bachelor of Science 1983 Civil Engineering		
Active registration: Year first registered / discipline:		
PE--Year first registered:	<u> 1988 </u>	Branch: <u> Civil </u> LA License No. <u> 24038 </u>
PLS--Year first registered:	<u> 1992 </u>	Branch: <u> Surveying </u> LA License No. <u> 4669 </u>
Other experience and qualifications relevant to the proposed Project:		
<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>Mitigation Dredging of Slip D (2018) <i>Fourchon, LA</i> Mr. Plaisance provided surveying and civil engineering services to the Greater Lafourche Port Commission for the excavation of 434,300 cubic yards of dredged material at a construction cost of \$1,502,800 in Port Fourchon, LA. This material was beneficially used to create approximately 160 acres of marsh.</p> <p>Lafourche Parish Water District No. 1, Multiple Water Lines (ONGOING) <i>Lafourche Parish, LA</i> Mr. Plaisance served as Survey Lead and Project Engineer for multiple water line projects in Lafourche Parish, leading surveying, ROW mapping, production of construction documents, and construction management.</p> <p>Town of Golden Meadow Phase 4 And Phase 5 Sewer Project (06/2018 – 06/2019) <i>Golden Meadow, LA</i> Mr. Plaisance served as the Survey Lead and Project Engineer for the Town of Golden Meadow to design and provide construction documents for multiple sewer projects. He prepared construction plans for multiple phases of sewer construction projects including Sanitary Sewer System, Phase 4 and Sanitary Sewer System, Phase 5. Mr. Plaisance was responsible for the design of all elements of this project including survey and ROW mapping.</p> <p>Triple Ridge Subdivision (07/2015) <i>Cut Off, LA</i> 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>Lafourche Parish Government Hardsurfacing of East 94th Street (08/2009) <i>Galliano, LA:</i> 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>		

LaTour Subdivision, Phase 1 (06/2009)

Matthews, LA

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.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Kyle J Galloway, PE, Project Manager, Civil & Environmental Engineering
Project Assignment:
Client Liaison
Name of Firm with which associated:
GIS Engineering, LLC
Years' experience with this Firm:
With this firm: <u>3</u> With other firms: <u>10</u>
Education: Degree(s) / Year / Specialization:
Bachelors of Science, Civil Engineering, Professional Leadership Minor, 2009 Masters Certificate, Coastal Engineering, 2013
Active registration: Year first registered / discipline:
Year first registered: <u>2015</u> Branch: <u>Civil</u> LA License No. <u>40317</u>
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Galloway is a proven leader and manager with 10 years of experience in civil engineering and leadership of large, complex organizations. He possesses strong technical skills in coastal engineering, drainage design, storm water management, and hydrologic and hydraulic modeling. A 13-year veteran of the Louisiana Army National Guard, Mr. Galloway has a history of success leading large organizations, including command of a company of over 150 equipment operators, maintenance technicians, and support staff. For the last four years, he has managed diverse civil engineering and consulting projects, leading multi-disciplinary teams to deliver value to clients.</p> <p>LANDRY'S HOLE AND CYPRESS LANE PUMP STATIONS – Grand Isle, LA (2020) Mr. Galloway oversaw the design of expansions to two existing pump stations in Grand Isle, LA. The project will add two 24" pumps with electric motors and diesel back-ups to each existing pump station. Mr. Galloway managed the survey and design of each station.</p> <p>JONES POINT – LA 301 DRAINAGE IMPROVEMENTS – Lafitte Area Independent Levee District, LA (2020-Ongoing) Mr. Galloway is managing the design of drainage improvements in the Jones Point area near the Town of Jean Lafitte. The project involves extensive coordination among several consultants working to deliver flood risk reduction from storm surges and rainfall. GIS completed the preliminary design of subsurface drainage improvements in November 2020 and is beginning work on final design.</p> <p>BAYSIDE BREAKWATERS PHASE IV – Grand Isle, LA (2019-2020) Mr. Galloway was the project manager for the design and construction of 15 segmented breakwaters on the bay side of Grand Isle, LA. He oversaw final design, coordinated the bidding process, and successfully managed construction of these breakwaters.</p> <p>CHENIERE-CAMINADA BREAKWATERS - Grand Isle, LA (2018-Ongoing) Mr. Galloway is the Project Manager for this breakwater project. The project aims to protect marshes, camps, and infrastructure adjacent to LA Hwy 1 in Grand Isle, LA by constructing approximately 10,200 LF of rock dikes and breakwaters. Mr. Galloway is responsible for delivering the final design and securing permit applications.</p> <p>UPPER BARATARIA RISK REDUCTION SYSTEM – Lafourche & St. Charles Parish, LA (2018-Ongoing) Mr. Galloway is the Project Manager for GIS's design efforts on this project. In 2018, he oversaw the preparation of the 10% conceptual design report for the project, which defined the project features and alignments and estimated the project costs. In 2019, he oversaw the preliminary design of T-walls and a roller gate within the project along with a drone survey of 11 miles of levees in the project alignment. He is currently overseeing the design of a 270' wide barge gate and a \$3.5M levee lift.</p>

ST. ROCH DRAINAGE IMPROVEMENTS AND GREEN INFRASTRUCTURE – New Orleans, LA (2015-2017)

Mr. Galloway oversaw the design of rain gardens, permeable parking lanes, and permeable sidewalks, including streetscaping details, cross-sections, and planting plans. He also assisted with modeling the existing and proposed drainage network using EPA's Storm Water Management Model to inform design and FEMA's Benefit Cost Analysis.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Henry Schwartz, PLS
Project Assignment:
Surveyor
Name of Firm with which associated:
GIS Engineering, LLC
Years' experience with this Firm:
With this firm: <u>1</u> With other firms: <u>22</u>
Education: Degree(s) / Year / Specialization:
Bachelors of Science / 1997 / Civil Engineering Technology
Active registration: Year first registered / discipline:
PLS--Year first registered: <u>2003</u> Branch: <u>Surveying</u> LA License No. <u>4899</u>
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Schwartz is a Professional Licensed Surveyor in the State of Louisiana, who has performed surveys in support of multiple engineering infrastructure projects. Mr. Schwartz has also performed multiple hydrographic surveys in support of Levee Design and Construction, Wetland Mitigation projects and Coastal Restoration projects such as Reach F-1 Levee Terrebonne Parish, Marsh Island Lake Sand and Lake Tom Terracing project, Tiger Point, Cheniere AuTigre, Buras Boat Harbor, Point Chevreuil and Eloi Bay Living Shoreline breakwater projects. Mr. Schwartz has also provided surveying services in support of existing coastal monitoring and restoration, wetland mitigation, levee construction as well as professional land surveying and topographic surveying.</p> <p>Falgout Canal Floodgate Structure (2017-2019) - <i>Theriot, LA</i> Mr. Schwartz was the professional land surveyor for this project responsible for providing post construction surveys, pre-construction surveys, construction layout and the final construction as-built</p> <p>Bayou Petit Caillou Lock Structure Project (2019-2020) - <i>Chauvin, LA</i> Mr. Schwartz was the professional land surveyor for this project responsible for providing post construction surveys, pre-construction surveys, construction layout and the final construction as-built</p> <p>Dredging & Mitigation of Slip D, Greater Lafourche Port Commission (2018) - <i>Fourchon, LA</i> Mr. Schwartz was the professional land surveyor for this project responsible for providing all engineering surveys to the client, Greater Lafourche Port Commission</p> <p>Magnolia Ridge Pump Station (2019) - <i>St. Charles, LA</i> Mr. Schwartz was the professional land surveyor responsible for the layout, material quantity progress surveys as well as As-Builts for this project</p> <p>Ellington Levee (2018) - <i>St. Charles, LA</i> Mr. Schwartz was the professional land surveyor responsible for the layout, material quantity progress surveys as well as As-Builts for this project</p> <p>Inner Harbor Navigation Canal (IHNC), USACE New Orleans District (2008 – 2012) - <i>New Orleans, LA</i> Mr. Schwartz provided surveying and mapping services required for the design of the project. These surveys consisted of the Topographic survey of the Vulcan yard, the Hydrographic surveys of the MRGO, Michoud Slip, Bayou Bienvenue, GIWW and the Hydraulic Dredge Disposal Area.</p> <p>Port of Iberia Commercial Channel Hydrographic Survey (ONGOING) <i>New Iberia, LA</i> Mr. Schwartz was the professional land surveyor responsible for the channel survey of approximately 14 miles of existing channel, including utility and pipeline relocations.</p>

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Gregory J. Plaisance, PLS
Project Assignment:
Surveyor
Name of Firm with which associated:
GIS Engineering, LLC
Years' experience with this Firm:
With this firm: <u> 2 </u> With other firms: <u> 4 </u>
Education: Degree(s) / Year / Specialization:
Bachelors of Science / 2014 / Geomatics
Active registration: Year first registered / discipline:
PLS--Year first registered: <u> 2019 </u> Branch: <u> Surveying </u> LA License No. <u> 5208 </u>
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Plaisance is a Louisiana Licensed Land Surveyor and currently serves as a party chief out of the Galliano office. Mr. Plaisance coordinates all information obtained from the field with drafting and design personnel within the office. He also performs survey calculations. He is also a drone pilot.</p> <p>GRAND ISLE STATE PARK IMPROVEMENTS – Grand Isle, LA (Ongoing) Mr. Plaisance serves as land surveyor performing topographic survey of existing conditions at Grand Isle State Park. Mr. Plaisance also drafted the topographic survey on AutoCAD Civil 3D to show existing conditions.</p> <p>CPRA-IDIQ-IDIQ ENGINEERING SERVICES- Grand Isle, LA (2019-Ongoing) Mr. Plaisance serves as the lead land surveyor for providing topographic, bathymetric, and magnetometer surveys necessary to design the project features at the Grand Isle State Park. He developed and prioritized topographic, bathymetric, and magnetometer survey plans to obtain sufficient data for finalizing the location of the proposed design features sufficient for design and construction.</p> <p>MINORS CANAL FLOODGATE STRUCTURE – Terrebonne Parish, LA (Ongoing) Mr. Plaisance serves as land surveyor performing hydrographic surveys of the existing conditions of Minors Canal and the Intracoastal Canal.</p> <p>MITIGATION DREDGING OF SLIP D, GREATER LAFOURCHE PORT COMMISSION -Fourchon, LA (2017-2018) Mr. Plaisance served as a party chief for this project. He was part of the surveying team that provided topographic and hydrographic surveys necessary to design the project features as part of the mitigation dredging work. He assisted in the survey plans to obtain sufficient data for finalizing the location of the proposed design features sufficient for design and construction.</p> <p>BARATARIA MARSH CREATION & RIDGE RESTORATION- Golden Meadow, LA (2018) Mr. Plaisance served as the lead field surveyor for providing topographic and bathymetric surveys necessary to design the project features in the marsh east of Golden Meadow. He developed and prioritized topographic and bathymetric survey plans to obtain sufficient data for finalizing the location of the proposed design features sufficient for design and construction. This surveying was done as a sub consultant to T. Baker Smith.</p>

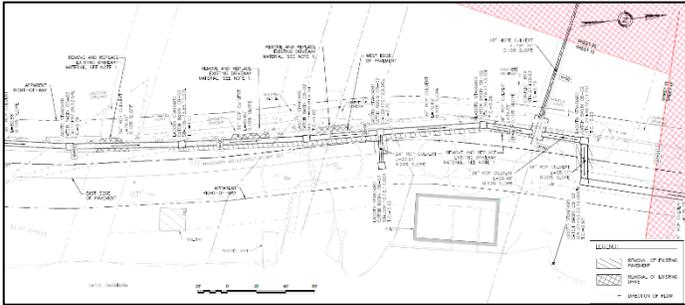
TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Evan Chiasson, PLS
Project Assignment:
Surveyor
Name of Firm with which associated:
GIS Engineering, LLC
Years' experience with this Firm:
With this firm: <u>1</u> With other firms: <u>10</u>
Education: Degree(s) / Year / Specialization:
Bachelors of Science / 2011 / Civil Engineering
Active registration: Year first registered / discipline:
PLS--Year first registered: <u>2015</u> Branch: <u>Surveying</u> LA License No. <u>5139</u>
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Chiasson is a project surveyor at GIS Engineering with over ten years of experience working on coastal, pipeline and boundary projects. His coastal experience is highlighted with marsh creation, levee containment, and levee improvement projects. He has the experience of working on the project team in the office and serving as the Professional Land Surveyor on many coastal projects. His technical knowledge of the various types of survey data allows for the seamless transition of the survey data from the field to the office. Mr. Chiasson is then able to present the survey data needed to the project engineers and designers to reach the final solution for each design phase. Mr. Chiasson is fluent in topographic surveys, hydrographic surveys, control surveys, right-of-way surveys, hazard surveys, pipeline integrity surveys, pipeline inspection surveys and landowner coordination.</p> <p>Port of Iberia Commercial Channel Hydrographic Survey- <i>New Iberia, LA (Ongoing)</i> Mr. Chiasson was the project manager responsible for the channel survey of approximately 14 miles of existing channel, including utility and pipeline relocations.</p> <p>Bayou Petit Caillou Lock Structure Project- <i>Chauvin, LA (2020)</i> Mr. Chiasson was the project manager coordinating survey crews for providing post construction surveys, pre-construction surveys, construction layout and the final construction as-built.</p> <p>Biloxi Marsh Living Shoreline- <i>St. Bernard Parish, LA (2017)</i> Mr. Chiasson served as Professional Land Surveyor for this project. The primary goal of this project is to provide shoreline protection by using the living shoreline products to attenuate the wave energy that reaches the shore. Mr. Chiasson was responsible for the collection and QA / QC of all topographic, bathymetric, magnetometer and multi-beam survey data gathered in the area for design of proposed living shoreline products. Mr. Chiasson also oversaw the above stated types of survey processing and drawing preparations before certifying final survey deliverables.</p> <p>East Marsh Island- <i>Iberia Parish, LA (2017)</i> Mr. Chiasson served as Professional Land Surveyor for this project. Mr. Chiasson was responsible for the collection and QA / QC of all topographic and bathymetric survey data gathered in the area for volume calculations and comparisons to Year 1 post construction survey and as-built survey. Mr. Chiasson also oversaw the volume calculations and drawing preparations before certifying final survey deliverables</p> <p>Bank Restoration of Critical Areas-Segment No. 4 (TE-43), GIWW Breach Closure Project Segment No. 6 (EB-10) and Penchant Basin Natural Resource Plan Increment 1 (TE-34)- <i>Terrebonne Parish, LA (2016)</i> Mr. Chiasson served as Professional Land Surveyor for this multi-phase project. The primary goal of the EB-10, TE-43 and TE-34 phases is performing the post-construction topographic survey of the existing rock dike and nourishment area. Mr. Chiasson was responsible for the collection and QA / QC of all topographic survey data gathered in the area to be used for volume calculation comparisons. Mr. Chiasson also oversaw the drawing preparations before certifying final survey deliverables.</p>

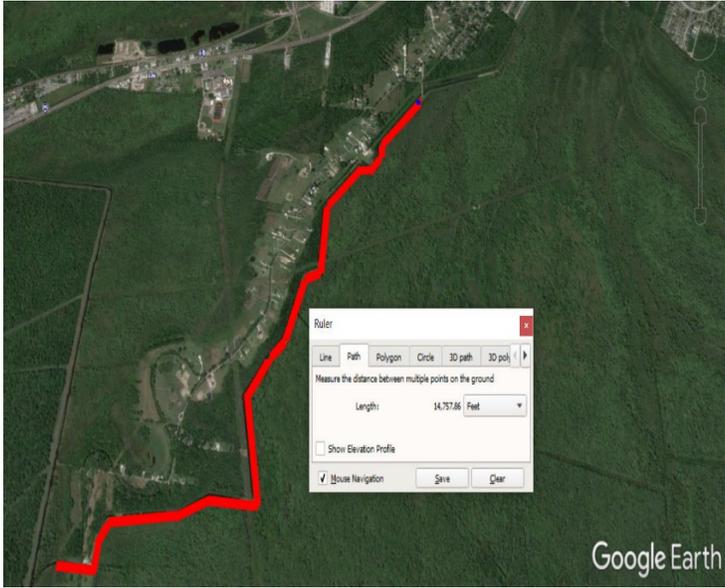
KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Joseph Chauvin
Project Assignment:
Field Manager
Name of Firm with which associated:
GIS Engineering, LLC
Education: Degree(s) / Year / Specialization:
High School Diploma / 1998 / Grand Isle High School
Years' experience with this Firm:
With this firm: <u>4</u> With other firms: <u>12</u>
Active registration: Year first registered / discipline:
Other experience and qualifications relevant to the proposed Project: CPRA Levee Inspection Certificate
<p>Mr. Chauvin has excellent technical, analytical and communication skills demonstrated by 16 years of experience, with an impressive blend of technical expertise and people skills. He is committed to providing quality and consistent technical support and assisting Project Engineers on design and writing project specifications and the review of project drawing. Mr. Chauvin also serves as the client manager for Town of Grand Isle and Grand Isle Independent Levee District. Mr. Chauvin has extensive hours working with GOHSEP and FEMA projects. He also has the abilities to perform as Survey Party Chief along with construction layout skills. He has the capabilities to perform hydrographic survey and the ability to operate a Total Station. He also serves as GIS Engineering "Safety Champ" for the Coastal Group.</p> <p>Annual Bayside Breakwater Survey – Jefferson Parish, LA This project is located along the coastal area of Cheniere-Caminada to the east tip of Grand Isle. As the Survey Party Chief, Mr. Chauvin ensures all survey are performed and conducted in a safe manner. This annual survey consists of surveying 58 segmented breakwaters. The purpose of the survey is to capture yearly elevation before Hurricane to show loss of elevation or damage from hurricanes. This information is provided to CPRA, FEMA, and other State and federal agencies.</p> <p>Annual Grand Isle Non-Federal Levee Survey – Jefferson Parish, LA This project is located along the Reach 1 Levee Alignment along Cheniere-Caminada and Grand Isle. As the Survey Party Chief, Mr. Chauvin ensures all surveys are performed and conducted in a safe manner. This annual survey consists of surveying approximately 4.66 miles of levee alignment. The purpose of the survey is to capture yearly elevation before Hurricane to show loss of elevation or damage from hurricanes. This information is provided to CPRA, FEMA, and other State and federal agencies.</p> <p>Emergency Survey Operations – Jefferson Parish, LA and Terrebonne Parish, LA Mr. Chauvin serves as Survey Party Chief during emergency situations such as hurricanes and high river backwater flood events. His knowledge, expertise and the ability to work under pressure during these emergency events is an asset to Clients and engineering staff to ensure that the best quality of survey data is collected.</p> <p>Morganza to the Gulf of Mexico, Reach H, Segment 2 First Lift Levee – Terrebonne Parish, LA Mr. Chauvin as the resident field representative and inspector to oversee construction of 3.35 miles of levee embankment to elevation +12.0' NAVD. (Compacted levee embankment). Dredging of material from borrow canal, the installation of the access channel, swale ditches, and plug sections along the levee alignment.</p>

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

PROJECT NO. 1						
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p>GRAND ISLE STATE PARK IMPORVEMENTS</p> <p><u>OWNER</u> <i>Coastal Protection and Restoration Authority</i> <i>Travis Byland</i> 225-342-6750 travis.byland@la.gov</p> <div style="text-align: center; margin: 20px 0;">  </div> <div style="border: 1px solid black; background-color: #FFD700; padding: 10px; margin: 20px 0;"> <p style="text-align: center; margin: 0;">RELEVANCE TO PROJECT SCOPE</p> <ul style="list-style-type: none"> Topographical Survey Engineering Design </div>	<p>Project Summary:</p> <p>GIS is providing engineering services for the evaluation and recommendations for improvements and restoration of roadways at the Grand Isle State Park in Jefferson Parish, LA. The project will repair and upgrade existing roads, parking lots, and nature trails, damaged by repeated flooding. This will include base repair, overlay and striping as necessary. GIS is currently preparing final plans for the restoration and repaving of the existing roadway in accordance with the DOTD Road Design Manual and DOTD Standard Specifications for Roads and Bridges.</p> <ul style="list-style-type: none"> Mill, overlay and full depth patching of areas of pavement section failures for the approximate 3-mile existing park road system, including camp spurs, along with striping. Pulverization of existing asphalt parking areas and the addition of base course and asphalt overlay to raise existing parking area grades to above normal tide elevations. Evaluation and modifications to existing drainage system in parking areas to promote positive drainage Restriping of parking lots 					
<p>Completion Date (Actual or Estimated)</p> <p style="margin-top: 10px;">May 2021</p>	<p>Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 0 auto;"> <tr> <th style="width: 33%; padding: 5px;">Entire Project:</th> <th style="width: 33%; padding: 5px;">Work for which Firm was Responsible:</th> </tr> <tr> <td style="text-align: center; padding: 5px;">\$251k (E)</td> <td style="text-align: center; padding: 5px;">Surveying, Design & Construction Mgmt</td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	\$251k (E)	Surveying, Design & Construction Mgmt
Entire Project:	Work for which Firm was Responsible:					
\$251k (E)	Surveying, Design & Construction Mgmt					

PROJECT NO. 2								
<p>Project Name, Location and Owner's contact information:</p> <p>JONES POINT – LA 301 DRAINAGE IMPROVEMENTS</p> <p><u>OWNER</u> Lafitte Area Independent Levee District Tim Kerner, Jr. 504-689-2208 timkerner@townofjeanlafitte.com</p>	<p>Nature of Firm's Responsibility:</p> <p>Project Summary:</p> <p>The Lafitte Area Independent Levee District (LAILD) retained GIS Engineering to design drainage improvements for the Jones Point area in anticipation of planned bulkheads and levees to protect the area from storm surge and high tides. GIS's scope included topographic and utility surveys for nearly one mile of LA 301 and for new and existing drainage features perpendicular to the highway. The project also required boundary surveys for planned drainage features outside DOTD's right-of-way. GIS is currently finalizing the design for this project and preparing plats for servitude acquisition.</p>							
								
<div style="border: 1px solid black; background-color: #FFD700; padding: 10px;"> <p>RELEVANCE TO PROJECT SCOPE</p> <ul style="list-style-type: none"> Topographic Survey Utility Survey Boundary Survey Right of Way Mapping </div>								
<p style="text-align: center;">Completion Date (Actual or Estimated)</p> <p style="text-align: center;">ONGOING</p>	<p style="text-align: center;">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center; padding: 5px;">Entire Project:</td> <td style="width: 33%; text-align: center; padding: 5px;">Work for which Firm was Responsible:</td> <td style="width: 33%;"></td> </tr> <tr> <td style="text-align: center; padding: 5px;">\$140k (E)</td> <td style="text-align: center; padding: 5px;">Surveying, Design & Construction Mgmt</td> <td></td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:		\$140k (E)	Surveying, Design & Construction Mgmt	
Entire Project:	Work for which Firm was Responsible:							
\$140k (E)	Surveying, Design & Construction Mgmt							

PROJECT NO. 3						
<p>Project Name, Location and Owner's contact information:</p> <p>GRAND ISLE ANNUAL BREAKWATER AND LEVEE MONITORING</p> <p><u>OWNER</u> Grand Isle Independent Levee District David Camardelle 985-787-3196</p>	<p style="text-align: center;">Nature of Firm's Responsibility:</p> <p>Project Summary:</p> <p>GIS performs annual surveys of breakwaters and non-federal levees in Grand Isle and Cheniere Caminada to monitor potential settlement and record damages after hurricanes. GIS surveys 58 segmented breakwaters and 4.66 miles of levees to support GILD's maintenance efforts. GIS also provides this information to CPRA, FEMA, and other State and federal agencies as needed to support funding requests.</p>					
<div style="border: 1px solid black; background-color: #FFD700; padding: 5px; margin-top: 20px;"> <p style="text-align: center; margin: 0;">RELEVANCE TO PROJECT SCOPE</p> <ul style="list-style-type: none"> Topographic Survey </div>	<div style="text-align: center;">  </div> <p style="text-align: center; margin-top: 10px;"><i>GIS Field Manager Joe Chauvin inspecting breakwaters in Grand Isle, LA.</i></p>					
<p style="text-align: center;">Completion Date (Actual or Estimated)</p>	<p style="text-align: center;">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; padding: 5px;">Entire Project:</td> <td style="width: 50%; text-align: center; padding: 5px;">Work for which Firm was Responsible:</td> </tr> <tr> <td style="text-align: center; padding: 5px;">Ongoing</td> <td style="text-align: center; padding: 5px;">\$15 k/per annum Survey</td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	Ongoing	\$15 k/per annum Survey
Entire Project:	Work for which Firm was Responsible:					
Ongoing	\$15 k/per annum Survey					

PROJECT NO. 4		
<p>Project Name, Location and Owner's contact information:</p> <p>MAGNOLIA RIDGE LEVEE TOPOGRAPHIC & BOUNDARY SURVEYS</p> <p><u>OWNER</u> St. Charles Parish Government Jane Dufour (GCR Inc.) 504-304-0686</p>	<p style="text-align: center;">Nature of Firm's Responsibility:</p> <p>Project Summary:</p> <p>This project is located in Boutte, LA, more specifically on the West Bank of St. Charles Parish. The project detailed a topographic survey to reflect the baseline of the Magnolia Ridge Levee. Cross sections were taken every 100 feet for a total length of approximately 14,800 linear feet or 2.80 miles of levee. Plan and profile sheets were developed from surface (DTM) files created from the topographic survey. Additionally, boundary mapping and right-of-way surveys were conducted on numerous parcels along this reach of the levee for permitting and property acquisition required for levee construction.</p>	
		
<div style="border: 1px solid black; background-color: #FFD700; padding: 10px; width: fit-content; margin: auto;"> <p>RELEVANCE TO PROJECT SCOPE</p> <ul style="list-style-type: none"> Topographic Survey Boundary Survey Right-of-Way Survey </div>		
<p>Completion Date (Actual or Estimated)</p>	<p>Estimated Cost:</p>	
<p>ONGOING</p>	<p>Entire Project:</p> <p>\$35k</p>	<p>Work for which Firm was Responsible:</p> <p>Surveying</p>

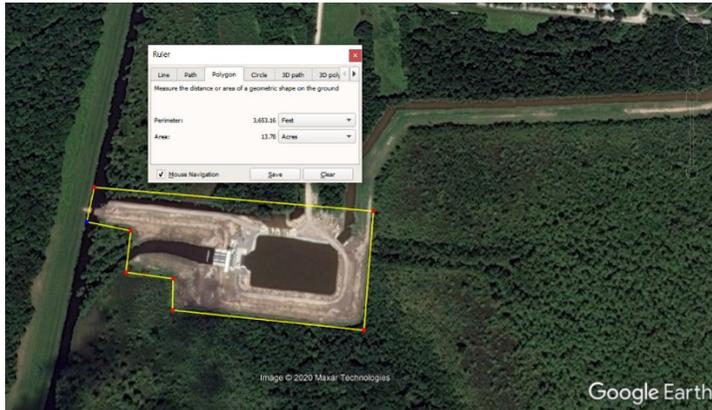
PROJECT NO. 5

Project Name, Location and Owner's contact information:

MAGNOLIA RIDGE PUMP STATION LAYOUT AND AS-BUILT SURVEYS

OWNER

SeaLevel Construction, Inc
Justin Lane
 504-343-7928
 jlane@sealevelinc.com



RELEVANCE TO PROJECT SCOPE

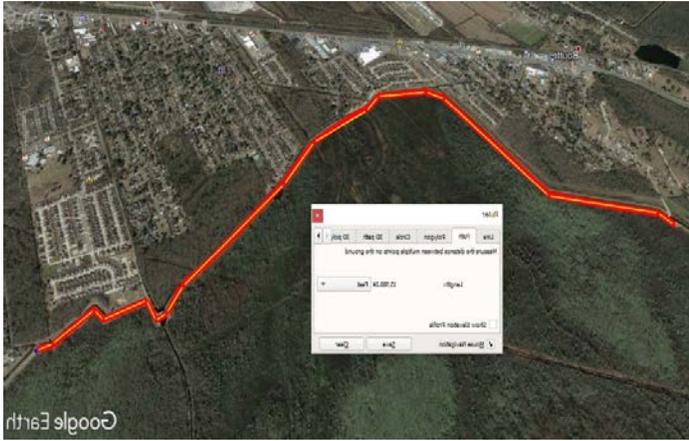
- **Construction Layout**
- **Quantity Survey**
- **Q.C. Elevation Surveys**
- **As-Built Survey**

Nature of Firm's Responsibility:

Project Summary:

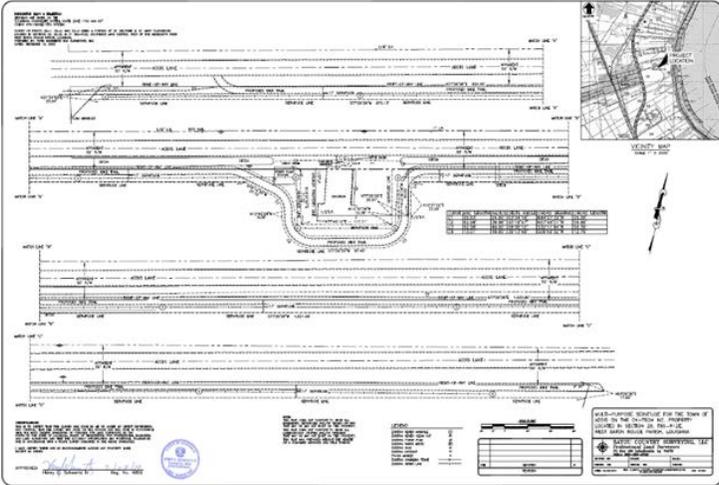
This project is located in Boutte, LA, more specifically on the West Bank of St. Charles Parish. The Magnolia Ridge Pump Station is located at the southwestern terminus of the Magnolia Ridge Levee near Tiber Canal on a 14-acre site. The scope of services detailed Construction Layout(s), Quantity Surveys used for progress payments, Quality Control Elevation Surveys, continuous Location Checks throughout construction, and an As-Built Survey for Construction Closeout.

<p>Completion Date (Actual or Estimated)</p> <p style="text-align: center;">2019</p>	<p>Estimated Cost:</p>	
	<p>Entire Project:</p> <p style="text-align: center;">\$25k (E)</p>	<p>Work for which Firm was Responsible:</p> <p style="text-align: center;">Surveying</p>

PROJECT NO. 6		
<p>Project Name, Location and Owner's contact information:</p> <p>ELLINGTON LEVEE LAYOUT, PROGRESS AND AS-BUILT-SURVEYS</p> <p><u>OWNER</u> Cycle Construction Company, LLC Mitchell Roth 504-467-1444 mroth@cycleconstruction.com</p>	<p>Nature of Firm's Responsibility:</p> <p>Project Summary:</p> <p>This project is located in Boutte, LA, more specifically on the West Bank of St. Charles Parish. The project detailed a Construction Layout Survey to reflect the baseline of the Ellington Levee. Cross sections were taken every 100 feet for the total length of approximately 16,000 linear feet or 3.02 miles of levee. The scope of services detailed Construction Layout(s), Quantity Surveys used for progress payments, Quality Control Elevation Surveys, continuous. Location Checks throughout construction, and an As-Built Survey for Construction Closeout. GIS provided drone video inspection, traditional survey, channel surveys, H&H modeling, and engineering and design of approximately 13 miles of existing bayous and drainage laterals in the northern portion of West Baton Rouge Parish to find existing obstruction and deficiencies within the watershed in compliance with HMGP program requirements. The Bayou Stumpy watershed has been the site of individual repetitive losses in West Baton Rouge Parish. GIS completed a detailed benefit to cost analysis as required by FEMA and GOHSEP, followed by completion of stamped plans and specifications in Dec 2020.</p>	
		
<div style="background-color: #FFD700; border: 1px solid black; padding: 10px;"> <p>RELEVANCE TO PROJECT SCOPE</p> <ul style="list-style-type: none"> Const. Layout Survey Quantity Survey Q.C. Elevation Survey As-Built Survey for Const. Closeout </div>		
<p>Completion Date (Actual or Estimated)</p>	<p>Estimated Cost:</p>	
<p>2018</p>	<p>Entire Project:</p> <p>\$70k (E)</p>	<p>Work for which Firm was Responsible:</p> <p>Construction Surveys</p>

PROJECT NO. 7								
<p>Project Name, Location and Owner's contact information: HOLLYWOOD ROAD EXTENSION BRIDGE PROJECT</p> <p><u>OWNER</u> Terrebonne Parish Consolidated Government Jeanne Bray 985-873-6735 jbray@tpcg.org</p>	<p>Nature of Firm's Responsibility: Project Summary:</p> <p>GIS is currently providing Professional Engineering Services to the Terrebonne Parish Consolidated Government (TPCG) for the Hollywood Road Extension Bridge Project, which includes extension of Hollywood Road from Southdown Mandalay Road across Bayou Black to LA 182. Tasks include:</p> <ul style="list-style-type: none"> Coordination with Geotechnical Borings and Investigation Coordination with Traffic Engineering and DOTD Dist. Traffic Engineer for approval of recommended intersection configurations. Preliminary Report & Summary of Findings <u>Engineering, topographic, and boundary surveys</u> <u>Regulatory Permitting</u> 2017 LADOTD Minimum Design Guidelines and 2016 LADOTD Standard Specifications for Roads and Bridges LADOTD Off-System Bridge Policy Load Rating DOTD Permit Application & Coordination 							
								
<div style="border: 1px solid black; background-color: #FFD700; padding: 10px; width: fit-content; margin: auto;"> <p>RELEVANCE TO PROJECT SCOPE</p> <ul style="list-style-type: none"> Topographic Survey Bathymetric Survey ROW Mapping </div>								
<p>Completion Date (Actual or Estimated)</p> <p>July 2021</p>	<p>Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Entire Project:</td> <td style="width: 33%;">Work for which Firm was Responsible:</td> <td style="width: 33%;"></td> </tr> <tr> <td style="text-align: center;">\$104k (E)</td> <td style="text-align: center;">Surveying, Design & Construction Mgmt</td> <td></td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:		\$104k (E)	Surveying, Design & Construction Mgmt	
Entire Project:	Work for which Firm was Responsible:							
\$104k (E)	Surveying, Design & Construction Mgmt							

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>BANK STABILIZATION SLIP P2</p> <p><u>OWNER</u> Port of Iberia Craig Romero, Executive Director 337-364-1056 craigr@portofiberia.com</p> <div style="text-align: right;">  </div> <div style="text-align: right; margin-top: 10px;">  </div> <div style="background-color: #FFD700; padding: 10px; margin-top: 10px;"> <p>RELEVANCE TO PROJECT SCOPE</p> <ul style="list-style-type: none"> Topographic surveys Bathymetric surveys </div>	<p>Project Summary:</p> <p>GIS' scope of work for this project was to provide shoreline protection of approximately 2,800 linear feet of eroded bank line within the Port of Iberia. During the course of the project duration, GIS performed the following tasks:</p> <ul style="list-style-type: none"> <u>Performed topographical and hydrological surveys</u> Subcontracted geotechnical engineer to conduct soil borings and to provide a geotechnical report and analysis Developed preliminary and final design plans <u>Completed all permitting and environmental services</u> Preparation of initial and final cost estimates based final design plans Preparation of all bidding documents, front end documents and technical specifications Assisted the Owner with bidding and negotiation services Provided construction oversight and administration during construction <p>The P-2 Slip Bank Stabilization Project consisted of providing shoreline erosion protection to approximately 2,800 linear feet of eroded bank line within the Port of Iberia. The scope of this project comprised of installing 130lb class riprap along the project alignment that became gravely eroded due to strong currents and wave action caused by heavy vessel traffic and flood events occurring over time. The project alignment is along the Acadiana Gulf of Mexico Access Channel (AGMAC), which is utilized for industrial use by the Port's tenants for access. GIS Engineering was tasked with designing a system that would ultimately provide these eroded bank lines with shoreline protection, as well as reclaiming a portion of the P-2 Slip that has since been eroded. The design sections ranged from 2H:1V and 3H:1V, and were 2 ft. in thickness the entire span of alignment. The top elevation of these sections averaged at an El. +4.00' with the bottom toe trench elevation at an El. -6.00'.</p>	
<p>Completion Date (Actual or Estimated)</p>	<p>Estimated Cost:</p>	
	<p>Entire Project:</p>	<p>Work for which Firm was Responsible:</p>
<p>Dec 2020</p>	<p>\$208k (E)</p>	<p>Surveying & Design</p>

PROJECT NO. 9		
<p>Project Name, Location and Owner's contact information:</p> <p>ACADIAN TRAIL</p> <p><u>OWNER</u> West Baton Rouge Parish, Louisiana Kevin Durbin 225-336-2434 kevin.durbin@wbr council.org</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">  </div> <div style="background-color: #FFD700; padding: 10px; margin: 10px 0;"> <p style="text-align: center; margin: 0;">RELEVANCE TO PROJECT SCOPE</p> <ul style="list-style-type: none"> Topographic Survey Right of Way Mapping </div>	<p>Nature of Firm's Responsibility:</p> <p>Project Summary:</p> <p>GIS is provided West Baton Rouge Parish assistance with preparing right-of-way and utility relocations as required by DOTD for Local Public Agency Projects. GIS' task included the following:</p> <ul style="list-style-type: none"> Preparation of Right of Way Exhibits and legal descriptions Preparation of Utility Reimbursement Letters and No-Conflict Letters Approved drawings and letters from Utility Owners Utility Coordination and Required Relocations <p>GIS performed this work to meet all requirements of <u>DOTD's Local Public Agency Manual</u>.</p>	
<p>Completion Date (Actual or Estimated)</p>	<p>Estimated Cost:</p>	
<p>Dec 2019</p>	<p>Entire Project: \$15k (A)</p>	<p>Work for which Firm was Responsible: Topographic Survey and Right of Way Mapping</p>

PROJECT NO. 10						
<p>Project Name, Location and Owner's contact information:</p> <p>PETIT CAILLOU DRAINAGE & RESILIENCY PROJECT</p> <p><u>OWNER</u> Terrebonne Parish Consolidated Government Michael Toups 985-873-6735 mctoups@tpcg.org</p>	<p style="text-align: center;">Nature of Firm's Responsibility:</p> <p>Project Summary:</p> <p>Terrebonne Parish Consolidated Government (TPCG) is constructing a new pump station to the Petit Caillou Basin that will pump into Lake Boudreaux to reduce flooding. Levees and floodgates protect Petit Caillou Basin from flooding during storm surge events, but they do not allow runoff to escape the system, resulting in flooding from rainfall events. The pump station will maintain safe water surface elevations in the basin when floodgates are closed.</p> <p>TPCG is installing a feeder/conveyance channel along with reinforced concrete box culverts under La. Hwy 56. This channel will convey water to the pump station currently under construction in the ROW of the Ward 7 Levee System. The pump station consists of four (4) 48" pumps and four (4) discharge pipes with a protective trash screen.</p> <p>GIS provided topographic and hydro-survey services required for the design of the proposed pump station. GIS also provided structure elevations surveys for representative areas within the Lower Little Caillou Watershed that contained approximately 1,500 structures as part of the H&H study required to complete the Justification Report to determine the number of structures that will be affected within the watershed (residential & commercial) (2, 5, 10, 25 and 100-year storm events) for a FEMA grant and approval. GIS completed the design, managed bidding and contracting, and is currently managing construction on TPCG's behalf.</p>					
 	<div style="border: 1px solid black; background-color: #FFD700; padding: 10px; margin-top: 20px;"> <p style="text-align: center; margin: 0;">RELEVANCE TO PROJECT SCOPE</p> <ul style="list-style-type: none"> Topographic Survey Bathymetric Survey Boundary Survey Right of Way Mapping </div>					
<p style="text-align: center;">Completion Date (Actual or Estimated)</p> <p style="text-align: center;">ONGOING</p>	<p style="text-align: center;">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; padding: 5px;">Entire Project:</td> <td style="width: 67%; padding: 5px;">Work for which Firm was Responsible:</td> </tr> <tr> <td style="padding: 5px;">\$1,376k (E)</td> <td style="padding: 5px;">Surveying, Design & Construction Mgmt</td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	\$1,376k (E)	Surveying, Design & Construction Mgmt
Entire Project:	Work for which Firm was Responsible:					
\$1,376k (E)	Surveying, Design & Construction Mgmt					

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 GIS, Inc., is comprised of two main divisions, Coastal Design & Infrastructure Division and the Industrial Division with branch offices in New Orleans, Houma, Galliano, and Baton Rouge. GIS' staff are proud of the strong relationships we have built with key stakeholders in our niche areas over the past 30-40 years. Our team have spent 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

GIS Engineering has four licensed Professional Land Surveyors on staff and can field seven crews at one time. Our staff takes pride in providing thorough, accurate, and clear survey products. GIS has extensive experience serving clients in the area, including the Town of Grand Isle, the Grand Isle Independent Levee District, and the Lafitte Area Independent Levee District.

John Plaisance, PE, PLS, is GIS Engineering's Director of Operations for our Galliano office and Project Manager for this contract. He has nearly four decades of experience delivering public works projects for government clients, enhancing the quality of life for communities. A graduate of the Massachusetts Institute of Technology and the former owner of J. Wayne Plaisance, Inc. for over 30 years, Mr. Plaisance brings a wealth of knowledge and experience to the team. He has performed and managed countless survey projects for public clients over his long career.

Oneil Malbrough, Jr., REM, GIS's senior principal, 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, including the Parish's coastal master plans in 1992, 2002, 2012, and 2015, and 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.

Kyle Galloway, PE, manages GIS's New Orleans office. Mr. Galloway has 11 years of experience serving local clients including the Town of Grand Isle, the Grand Isle Independent Levee District, and the Lafitte Area Independent Levee District. A 13-year veteran of the Louisiana Army National Guard, Mr. Galloway has supervised large, complex organizations and has overseen both routine and emergency operations, including response to the Deepwater Horizon Oil Spill in Grand Isle, LA.

CRITERION NO 2: 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 104 employees, we have grown to one of the largest LOCAL engineering firms in the State. We are committed to continue growing our staff to continue delivering timely products to our clients.

TEC Professional Services Questionnaire

GIS has offices in New Orleans, Galliano, Houma, Baton Rouge, and Napoleonville. Our survey crews in Galliano and Houma are uniquely positioned to serve Grand Isle, the remotest point in the Parish. Our four PLS's and seven crews can quickly respond to the Parish's survey needs. GIS owns all the equipment needed for any survey, including boats for hydrographic surveys.

CRITERION NO. 3: 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 Galliano, Houma, Baton Rouge, and Napoleonville will support our New Orleans staff as needed. **All 104 GIS Engineering employees live and work in South Louisiana. Fifteen (15) of the twenty-five (25) GIS employees located in the New Orleans office RESIDE IN JEFFERSON PARISH.**

CRITERION NO. 4: ADVERSARIAL LEGAL PROCEEDING BETWEEN THE PARISH AND FIRM

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

CRITERION NO. 5: PRIOR SUCCESSFUL COMPLETION OF SIMILAR PROJECTS

As illustrated in the resumes and project descriptions above, GIS has a successful track record of delivering surveys of various types and sizes. Our staff also has significant experience with projects in Jefferson Parish, both with GIS and with previous employers.

GIS Staff Experience on Projects in Jefferson Parish

Landry's Hole and Cypress Lane Pump Stations, Town of Grand Isle	Jones Point – LA 301 Drainage Improvements, Lafitte Area Independent Levee District
Cheniere-Caminada Breakwaters, Grand Isle Independent Levee District	Bayside Breakwaters, Grand Isle Independent Levee District
Mounes Street Drainage Improvements	St. Peter's Ditch Phase 3C
Elise Avenue Drainage Pump Station and Subsurface Drainage Improvements	Clearview Drainage Pump Station – St. Peter's Ditch Phase 4
Jefferson Parish Comprehensive Coastal Plan – 1992, 2002, 2015	Barataria Bay Waterway East Side Shoreline Protection
Northeast Turtle Bay Marsh Creation and Critical Shoreline Protection	South Shore of the Pen Shoreline Protection and Marsh Creation
Barataria Bay Waterway West Side Shoreline Protection	Barataria Basin Landbridge Shoreline Protection – Phases 1-4
Goose Bayou Basin Drainage Pump Station No. 2	I-10/Loyola Interchange, DOTD

References for these and other projects include:

- David Camardelle, Mayor, Town of Grand Isle: mayor.togi@viscom.net
- Ricky Templet, Councilman, District 1, Jefferson Parish: rickytemplet@jeffparish.net
- Chett Chiasson, Executive Director, Port Fourchon: chettc@portfourchon.com
- Gordon Dove, President, Terrebonne Parish: gdove@tpcg.org

"In my time as Parish President, GIS has demonstrated the ability to continuously perform above our expectations on projects that we have hired them to facilitate. Every time my administration has request expedited turnarounds or changes to projects, GIS's team has delivered. GIS and its staff has been one of the most professional and responsive engineering firms I have worked with."

Gordon E. Dove, Parish President - Terrebonne Parish Consolidated Government.

CRITERION NO. 6: SIZE OF FIRM

As noted above, GIS Engineering is one of the largest engineering firms in the State, with 104 employees. **All of our staff live and work in South Louisiana.** We have the technical staff required for this contract, including 4 Professional Land Surveyors, field staff for up to seven survey crews, 10 CAD operators, and all of the support staff required.

CRITERION NO. 7: PAST PERFORMANCE ON PARISH CONTRACTS

Oneil Malbrough has a 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
- Barataria Bay Waterway East Side Shoreline Protection
- Northeast Turtle Bay Marsh Creation and Critical Shoreline Protection
- South Shore of the Pen Shoreline Protection and Marsh Creation
- Barataria Bay Waterway West Side Shoreline Protection
- 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.

GIS ENGINEERING IS READY AND AVAILABLE TO PERFORM SURVEYS FOR JEFFERSON PARISH!!

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

Signature:  _____ Print Name: Dustin Malbrough, PE

Title: Vice President Date: 04/30/2021