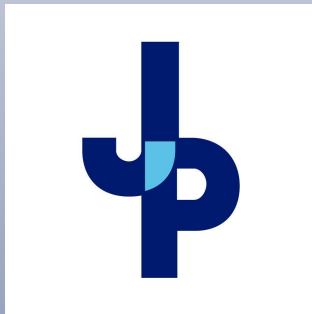


# PROFESSIONAL ENGINEERING SERVICES FOR THE GRAND ISLE WATERLINE LOWERING PROJECT



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:** Dustin Malbrough, PE, MBA  
President  
P: (985) 219-1000  
F: (985) 632-5628  
dustinm@gisy.com





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April 28, 2023

Water Department  
Parish of Jefferson

**RE: PROFESSIONAL ENGINEERING SERVICES FOR THE GRAND ISLE WATERLINE LOWERING PROJECT**  
**SOQ-23-008**

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', positioned above a horizontal line.

**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:**

Grand Isle Waterline Lowering Project  
SOQ No.: 23-008

**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 M. Malbrough, PE, 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.**

Kyle J. Galloway, PE, Director of Operations – New Orleans  
Office: (985) 219-1023 Cell: (504) 264-3504 Email: kgalloway@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)			Geologists	5		Structural Engineers
		Chemical Engineers			Geotechnical Engineers			Graduate Engineers
15		Civil Engineers			Interior Designers	20		Project Managers
11		Construction Inspectors			Landscape Architects	8		Clerical
		Ecologists	40		Land Surveyor	1		Grant/Funding Specialist
6		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)

**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.	The Beta Group	Geotechnical Engineering	Yes
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.



## TEC Professional Services Questionnaire

<b>PROFESSIONAL IN CHARGE OF PROJECT:</b>
<b>Name &amp; Title:</b>
Dustin Malbrough, PE, MBA, 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>7</u> With other firms: <u>11</u>
<b>Education: Degree(s) / Year / Specialization:</b>
Bachelor of Science / 2007 / Civil Engineering
<b>Active registration: Year first registered / discipline:</b>
Year first registered: <u>2011</u> Branch: <u>Civil Engineer</u> LA License No. <u>36779</u>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<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><b>UPPER BARATARIA RISK REDUCTION SYSTEM – Lafourche and St. Charles Parishes, LA (2018-Ongoing)</b>  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><b>2019 HIGH-WATER EVENT - EMERGENCY LEVEE UPGRADES – Bayou Black to Gibson, LA (2019-2020)</b>  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 Levee &amp; Conservation District.</p> <p><b>CHACAHOU LA (HANSON CANAL) PUMP STATION – Gibson, LA (2018-2020)</b>  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><b>FALGOUT CANAL BARGE FLOODGATE STRUCTURE – Theriot, LA (2017-2019)</b>  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 Levee &amp; Conservation District.</p> <p><b>PETIT CAILLOU LOCK STRUCTURE – Chauvin, LA (2019-2020)</b>  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><b>INNER HARBOR NAVIGATIONAL CANAL (IHNC) PROJECT - New Orleans, LA (2008-2011)</b>  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>

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Oneil P. Malbrough, Jr., REM, Sr. 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>7</u> With other firms: <u>40</u>
<b>Education: Degree(s) / Year / Specialization:</b>
Master of Science / 1995 / Environmental Engineering Bachelor 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>TOWN OF GRAND ISLE (TOGI) (2016)</b> 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><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 JP. 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 protection, 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>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> <p><b>AMITE RIVER AND TRIBUTARIES ECOSYSTEM/BAYOU MANCHAC RESTORATION STUDY (2004 – 2014)</b> 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><b>GRAND ISLE INDEPENDENT LEVEE DISTRICT (2010 – 2015)</b> Mr. Malbrough led his Team to Design and Manage the Construction of five bank stabilization projects and segmented breakwater projects on the Northside of Grand Isle funded thru NOAA, CIAP and CPRA for shoreline storm surge protection.</p>



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Kyle Galloway, PE – Civil Engineer
<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>4</u> With other firms: <u>6</u>
<b>Education: Degree(s) / Year / Specialization:</b>
Master Certificate / 2013 / Coastal Engineering Bachelor of Science / 2009 / Civil Engineering
<b>Active registration: Year first registered / discipline:</b>
Year first registered: <u>2015</u> Branch: <u>Civil</u> LA License No. <u>PE# 40317</u>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<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 drainage design, storm water management, coastal engineering, 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><b>JONES POINT – LA 301 DRAINAGE IMPROVEMENTS</b> – 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 design of subsurface drainage improvements in June 2021 and is currently coordinating with DOTD to secure the necessary project permit. Design included coordination with the Jefferson Parish Water Department for required offsets.</p> <p><b>LANDRY'S HOLE AND CYPRESS LANE PUMP STATIONS</b> – 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><b>WATER AND SEWER LINE REPLACEMENTS</b> - New Orleans, LA (2014-2015) Mr. Galloway assisted in the design of numerous water and sewer line replacements in the Lake Vista and Lakeview neighborhoods in New Orleans in support of the Sewerage and Water Board of New Orleans.</p> <p><b>ST. BERNARD HIGH SERVICE WATER PUMPS</b> – St. Bernard Parish, LA (2021-Ongoing) Mr. Galloway assists with the project management and client coordination for St. Bernard Parish's plan to add two 24" high service distribution pumps and associated piping in the Chalmette Water Plant.</p> <p><b>BYWATER MARIGNY RECOVERY ROADS</b> – New Orleans, LA (2017) Mr. Galloway managed the design and coordination of various roadway repairs for over 100 blocks in the Bywater and Marigny neighborhoods of New Orleans. The repairs ranged from small sidewalk patches to two blocks of full reconstruction. Mr. Galloway and his team inspected and documented each location to be repaired, proposed additional repairs, coordinated for survey, and designed the repairs. The project required extensive coordination with New Orleans' Department of Public Works for managing repairs and documenting funding sources.</p> <p><b>BROADMOOR RECOVERY ROADS</b> – New Orleans, LA (2017) Mr. Galloway performed preliminary design for a full-depth replacement for two blocks in the Broadmoor neighborhood of New Orleans. The design included geometric roadway design and replacement of underground utilities.</p>

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>				
<b>Name &amp; Title:</b>				
John Plaisance, PE, PLS				
<b>Project Assignment:</b>				
Civil Engineer				
<b>Name of Firm with which associated:</b>				
GIS Engineering, LLC				
<b>Years' experience with this Firm:</b>				
With this firm: <u>3</u> With other firms: <u>33</u>				
<b>Education: Degree(s) / Year / Specialization:</b>				
Master of Science / 1985 / Civil Engineering				
Bachelor 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 MAIN WATER LINE REPLACEMENT</b>– Grand Isle, LA (01/2017)  Mr. Plaisance served as the Project Engineer on the replacement of the water lines throughout Grand Isle State Park in Jefferson Parish, LA. Mr. Plaisance was responsible for the design of all elements of this project including survey.</p> <p><b>LAFOURCHE PARISH WATER DISTRICT NO. 1, MULTIPLE WATER LINES</b> – Lafourche Parish, LA (Ongoing)  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> <p><b>LATOUR SUBDIVISION, PHASE 1</b> – Matthews, LA (06/2009)  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>TOWN OF GOLDEN MEADOW PHASE 4 AND PHASE 5 SEWER PROJECT</b> – Golden Meadow, LA (06/2018 – 06/2019)  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><b>TRIPLE RIDGE SUBDIVISION</b> – Cut Off, LA (07/2015)  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>MARINER'S COVE</b> – Maurepas, LA (06/2019)  Mr. Plaisance was responsible for the preparation and review of ROW and final plats in accordance with Livingston Parish requirements for the residential development. 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 these projects, including survey and ROW mapping.</p>				



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>				
<b>Name &amp; Title:</b>				
Jacob Loeske, PE, LSI				
<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: <u>3</u> With other firms: <u>17</u>				
<b>Education: Degree(s) / Year / Specialization:</b>				
Bachelor 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 over 18 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 levee construction. He is also experienced in managing and coordinating survey crews for various highway, drainage, and utility relocation projects.</p> <p><b>HOOPER ROAD PUMP STATIONS, CITY OF BATON ROUGE/PARISH OF EAST BATON ROUGE</b> – Baton Rouge, LA  Project Manager responsible for project oversight of the replacement of 13 duplex and triplex pump stations with wet weather flows between 100 gpm and 20,000 gpm serving subdivisions in the northeast area of the parish. Also responsible for Construction Management oversight, reviewing RFI's and Submittals, and coordinating multi-discipline reviews.</p> <p><b>ASHLAND LANDFILL ROAD EXTENSION</b> – Terrebonne Parish, LA (Ongoing)  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 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</b> – Terrebonne Parish, LA (Ongoing)  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 sheets, typical sections, summary of quantities, construction sequencing, and will serve as the Engineer of Record for this project.</p> <p><b>WOODPARK CANAL, ROJAS CANAL, TIMBER CANAL, SUZIE BAYOU AND DEER RANGE CANAL DREDGING, PLAQUEMINES PARISH GOVERNMENT</b> – Plaquemines Parish, LA  Project Manager responsible for preliminary design, permit applications, final design, bidding, construction administration, and construction inspection for the dredging, debris removal, and marsh nourishment of Woodpark, Rojas, Timber, Suzie Bayou and Deer Range Canals located in Myrtle Grove.</p> <p><b>CLOVELLY HYDROLOGIC RESTORATION PROJECT, CPRA</b> – Lafourche Parish, LA  Project Manager responsible for engineering and design for the protection of 1,700 linear feet of shoreline, permit plats and applications. Provided bid phase services, construction administration and inspection throughout construction/project closeout. Assisted with coordination between CPRA and Contractor for utilities, hydrographic surveys, pre- and post-construction hydrographic surveys, and cross-section development and reviews for payment.</p>				

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>				
<b>Name &amp; Title:</b>				
Brady Richard, PE				
<b>Project Assignment:</b>				
Civil Engineer				
<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>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>SEWERAGE AND WATER BOARD OF NEW ORLEANS WATER HAMMER HAZARD MITIGATION PROGRAM</b> – New Orleans, LA  Mr. Richard performed design and engineering during construction for projects at the Carrollton Water Plant to mitigate water hammer effects during pressure dips. These projects included two above-ground, 2MG storage tanks and upgrades to the pumps at the Claiborne and Panola sites.</p> <p><b>ST. BERNARD HIGH SERVICE WATER PUMPS</b> – St. Bernard Parish, LA  Mr. Richard is the project manager and lead engineer for St. Bernard Parish's plan to add two 24" high service distribution pumps and associated piping in the Chalmette Water Plant.</p> <p><b>RECOVERY ROADS PROGRAM - VILLAGE DE L'EST NEIGHBORHOOD</b> - New Orleans, LA  Mr. Richard performed roadway scoping, pavement rehabilitation design, plan preparation, construction administration, and construction resident inspection for 7.5 miles of urban local roadway. Scope included waterline repairs, sewer repairs, utility adjustments, milling and asphaltic concrete (AC) overlay, AC patching, Portland Cement Concrete patching, composite pavement patching, driveway repairs, and sidewalk repairs.</p> <p><b>HOOVER ROAD PUMP STATIONS</b> – Baton Rouge, LA  Mr. Richard was the lead civil engineer responsible for wet well sizing, pump selection, site design, and grading design for the replacement of 13 duplex and triplex pump stations in the northeast area of the Parish with wet weather flows between 109 gpm and 1,596 gpm.</p> <p><b>DRAINAGE PUMP STATION STORM PROOFING AND FRONTAGE PROTECTION</b> - Jefferson Parish, LA  Mr. Richard led the utility coordination for this project, identifying owners of adjacent rights-of-way and servitudes, contacting utility owners affected by the project, and handling USACE requirements for utilities wishing to cross Federal levees.</p> <p><b>RECOVERY ROADS PROGRAM - PONTCHARTRAIN PARK NEIGHBORHOOD</b> - New Orleans, LA  Mr. Richard performed 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</b> - New Iberia, LA  Mr. Richard was responsible for drainage design of a parallel storm sewer trunkline. He utilized HYDRWIN and worked on the hydraulics report in accordance with LADOTD Hydraulics Manual.</p>				

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>			
<b>Name &amp; Title:</b>			
Laura Barnes, PE - Civil Engineer			
<b>Project Assignment:</b>			
Civil Engineer			
<b>Name of Firm with which associated:</b>			
GIS Engineering, LLC			
<b>Years' experience with this Firm:</b>			
With this firm: <u>4</u> With other firms: <u>20</u>			
<b>Education: Degree(s) / Year / Specialization:</b>			
Master of Science / 2015 / Engineering Management Bachelor of Science / 1998 / Civil Engineering			
<b>Active registration: Year first registered / discipline:</b>			
Year first registered: <u>2012</u> Branch: <u>Civil</u> LA License No. <u>PE 37089</u>			
<b>Other experience and qualifications relevant to the proposed Project:</b>			
<p>Ms. Barnes has over 20 years of experience in civil engineering study and design, project and construction management. She has experience working with municipalities on their water supply, treatment, and distribution systems, and more recently has worked extensively on flood control projects.</p> <p><b>NEW 12" TRANSMISSION LINE ALONG DUNN STREET – Houma, LA</b>  Ms. Barnes served as the Project Manager over the design and construction for the installation of a new transmission line which will facilitate water distribution to the East Side of Houma via 3 tie-in locations to existing lines under the GIWW. This new line will also function as a dedicated emergency supply line to Terrebonne General Hospital. The project is proposed to have a base bid of approx. 1 mile of 12" PE pipe estimated to cost \$5 million and 1 additive alternate which will add an additional ½ mile of 12" PE pipe at an estimated cost of \$2 million.</p> <p><b>Water Line Relocation at Highway 1 in Golden Meadow – Golden Meadow, LA</b>  Ms. Barnes served as the Project Manager over the design and construction for the removal and relocation of water main lines along LA Highway 1 in Golden Meadow, LA. The project consisted of installing approximately 130 linear feet of 14" PVC waterline, 270 linear feet of 18" PVC waterline, 860 linear feet of 20" PE and PVC waterlines, 1,390 linear feet of 22" PE waterline.</p> <p><b>18" Waterline Galliano to Cutoff</b>  Ms. Barnes serves as the Project Manager over the design for a new 18" water main from Galliano to Cut Off, LA. The project consists of approximately 6 miles of new 18" PVC, including fire hydrants and approximately 5000 LF of required bores. Construction is estimated at <b>\$8M</b>.</p> <p><b>PALM AVENUE WATERLINE RELOCATION, CONSOLIDATED WATERWORKS DISTRICT NO. 1 - Houma, LA</b>  Ms. Barnes managed the design and bidding of this waterline relocation project. The purpose of this project was to improve the material and relocate the waterline so that it was no longer in the middle of the street requiring new concrete panels with each pipeline repair.</p> <p><b>OAK CREEK PHASE 10 – WATER, WASTEWATER, STREET - Paris, TX</b>  Ms. Barnes designed and managed the construction of Phase 10 of a larger development. This design included 6 new lots, water, wastewater, storm drain and street extensions.</p> <p><b>MORGANZA TO THE GULF HURRICANE PROTECTION SYSTEM – Terrebonne and Lafourche Parishes, LA</b>  Over the last 8 years, Ms. Barnes has assisted in design, project management and/or construction management for 6 of the flood control structures that make up this coastal flood protection system. The construction cost of each of these structures has ranged from \$12M - \$40M.</p>			

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
James H. Chustz, PLS – Land Surveyor
<b>Project Assignment:</b>
Professional Land Surveyor
<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>47</u>
<b>Education: Degree(s) / Year / Specialization:</b>
Certificate / 1992 / Surveying
<b>Active registration: Year first registered / discipline:</b>
Year first registered: <u>1992</u> Branch: <u>Survey</u> LA License No. <u>PLS 4657</u>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Chustz is a Registered Professional Land Surveyor in the states of Louisiana and Mississippi. He has been licensed since 1992. Jimmy has <b>forty-eight (48)</b> years of surveying and mapping experience working on USACE projects. As one of the owners of Chustz Surveying, Jimmy has successfully served as Project Manager of contracts with the Army Corps of Engineers since 1999. He is an expert in GPS Control Surveys, Topographic Surveys, Survey Engineering, <b>Bathymetric</b> and <b>Hydrographic Surveys</b>, Geophysical Surveys, Property Surveys and professional mapping just to name a few. He has recent training in Advanced Hydrographic Techniques, Photogrammetry and GPS Geodetic Surveying and takes numerous continuing education courses annually.</p> <p><b>POST IDA GRAND ISLE SURVEYS, USACE, NEW ORLEANS DISTRICT, MVN CONTRACT W912P8-20-D-0001 – Grand Isle, LA</b>  Mr. Chustz was the Project Manager responsible for the overall management of this job. Chustz provided Static GPS, Single Beam and <b>Multibeam Hydrographic</b>, overbank, Aerial LiDAR, and Aerial Imagery surveys. Deliverables included LAS Files, an Orthomosaic, XYZ ASCII Files, and a Survey Report. Size: 6.6 Miles.</p> <p><b>POST IDA EMERGENCY SERVICES FOR MULTIBEAM AND LIDAR, USACE, NEW ORLEANS DISTRICT, MVN CONTRACT W912P8-20-D-0001</b>  Mr. Chustz was the Project Manager responsible for the overall management of this job. Chustz provided <b>Multibeam Hydrographic</b>, Aerial LiDAR, and Aerial Imagery surveys of the Mississippi River, locating obstructions after Hurricane Ida. Deliverables included Orthomosaics, ASCII Files, and a Survey Report. Size: 162 Miles.</p> <p><b>OLD RIVER CONTROL STRUCTURES HIGH WATER MONITORING, NEW ORLEANS DISTRICT, LA, W912P8-15-D-0009</b>  Mr. Chustz was the Project Manager responsible for the overall project management of this job. Chustz provided I&amp;E Monitoring Surveys at the four Old River Control Structures due to the 2019 high waters. The types of surveys conducted were Hydrographic Multibeam, DGPS, Aerial LiDAR, Overbanks, Digital Levels, RTK, C4G VRS and Topo using Total Stations and Data Collectors. Deliverables included Gridded XYZ Files.</p> <p><b>COMITE DIVERSION DROP STRUCTURE - Baton Rouge, LA</b>  Mr. Chustz served as the Project Manager, responsible for the overall management of this job. The types of surveys that Chustz provided were Topographic, Multibeam and <b>Single Beam Hydrographic</b>, Mobile Laser Scanning, Overbanks, Static GPS Geodetic Control, and RTK. Deliverables included MicroStation InRoads DGN and DTM files, ASCII Coordinate Files, and Field Notes.</p> <p><b>EAST BATON ROUGE &amp; VICINITY, JONES CREEK SURVEY - East Baton Rouge Parish, LA</b>  Mr. Chustz served as the Project Manager for the collection of profile and cross section surveys, with additional miscellaneous topographic surveys at five reaches: Jones Creek, Weiner Creek, Lively Bayou, Jones Creek Tributary and Lively Bayou Tributary. CSI set eight new deep rod monuments at the sites and conducted a static GPS survey. At each reach, utilizing robotic total stations and RTK techniques, CSI then obtained centerline profiles along with cross sections. Additional cross sections and topographic surveys were required at bridges and all utility crossings. Hydrographic surveys were conducted where necessary. Photos were also required at all bridges, cross sections, utility/pipeline signage, and of any obstructions.</p>

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Joseph Chauvin - Construction Manager
<b>Project Assignment:</b>
Construction Manager
<b>Name of Firm with which associated:</b>
GIS Engineering, LLC
<b>Years' experience with this Firm:</b>
With this firm: <u>7</u> With other firms: <u>8</u>
<b>Education: Degree(s) / Year / Specialization:</b>
<b>Active registration: Year first registered / discipline:</b>
Year first registered: <u>N/A</u> Branch: <u>N/A</u> LA License No. <u>N/A</u>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Chauvin has excellent technical, analytical and communication skills demonstrated by 12 years of experience, with an impressive blend of technical expertise and people skills. Committed to providing quality and consistent technical support. Assist Project Engineers on design and writing project specifications and the review of project drawing. Mr. Chauvin also serve 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.</p> <p><b>GRAND ISLE STATE PARK MAIN WATER LINE REPLACEMENT – Grand Isle, LA</b>  Mr. Chauvin serves as construction manager coordinating with project representatives as GIS works to provide engineering services for the evaluation and recommendations for improvements and restoration of roadways at the Grand Isle State Park in Jefferson Parish, LA.</p> <p><b>BA-0214 – GRAND ISLE STATE PARK IMPROVEMENTS - Grand Isle, LA</b>  Mr. Chauvin serves as construction manager coordinating with project representatives as GIS works to provide engineering services for the evaluation and recommendations for improvements and restoration of roadways at the Grand Isle State Park in Jefferson Parish, LA.</p> <p><b>BA-0233 – GRAND ISLE BAYSIDE SEGMENTED ROCK BREAKWATERS AND HABITAT ENHANCEMENT - Grand Isle, LA</b>  Mr. Chauvin served as resident field representative coordinating with project representatives as GIS works to provide engineering services for the construction of this \$6.5M breakwater project on behalf of the Grand Isle Independent Levee District.</p> <p><b>CHACAHOUULA (HANSON CANAL) PUMP STATION - Gibson, LA</b>  Mr. Chauvin served as the construction manager, his tasks included site inspector scheduling and coordination, direct client and contractor coordination. also reviewed pay requests, submittals, request for information, performed QA inspections, led project meetings, and was the direct liaison between the engineer, contractor, and client.</p> <p><b>MORGANZA TO THE GULF HURRICANE PROTECTION SYSTEM – FALGOUT CANAL FLOODGATE STRUCTURE - Theriot, LA</b>  Mr. Chauvin served as resident field representative coordinating with project representatives as GIS works to provide engineering services for the construction of this floodgate and receiving structure on Falgout Canal on behalf of the Terrebonne Levee and Conservation District.</p> <p><b>ELLIOT JONES PUMP STATION - Gibson, LA</b>  Mr. Chauvin served as the construction manager, his tasks included site inspector scheduling and coordination, direct client and contractor coordination. also reviewed pay requests, submittals, request for information, performed QA inspections, led project meetings, and was the direct liaison between the engineer, contractor, and client.</p>


## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>				
<b>Name &amp; Title:</b>				
Justin Besson – Project Representative				
<b>Project Assignment:</b>				
Project Representative				
<b>Name of Firm with which associated:</b>				
GIS Engineering, LLC				
<b>Years' experience with this Firm:</b>				
With this firm: <u>3</u> With other firms: <u>3</u>				
<b>Education: Degree(s) / Year / Specialization:</b>				
<b>Active registration: Year first registered / discipline:</b>				
Year first registered: <u>N/A</u> Branch: <u>N/A</u> LA License No. <u>N/A</u>				
<b>Other experience and qualifications relevant to the proposed Project:</b>				
<p>Mr. Besson has extensive experience in coastal rehabilitation. Mr. Besson has spent years involving himself in all aspects of this industry from learning all aspects from a contractor perspective, and engineering perspective. His task has included Corps of Engineers projects, client relations, all necessary investigation and implementation to complete all tasks needed.</p> <p><b>BILOXI MARSH LIVING SHORELINE PROJECT – St. Bernard Parish, LA</b></p> <p>Mr. Besson serves as the project representative for the construction of the site improvements tasked with daily reports, pay apps, overlooking construction, and reviewing submittals. The Biloxi Marsh Living Shoreline Project (PO-0174) is to reduce the shoreline recession of the marshes west and east of the mouth of Bayou la Loutre through the construction of a bio-engineered reef. This “Living Shoreline” is intended to provide shoreline protection via wave attenuation and promote biodiversity and oyster growth.</p> <p><b>CHENIERE CAMINADA EMERGENCY BREAKWATER PROJECT – Grand Isle, LA</b></p> <p>Mr. Besson served as the project representative for the construction of the site improvements tasked with daily reports, pay apps, overlooking construction, and reviewing submittals. The project consisted of the construction of five (5) new emergency breakwaters along the Gulf side of Cheniere Caminada. The breakwater structures are to be constructed out of LADOTD 1000 lb. class stone to El. +6.0’ (NAVD88), and will also consist of a bedding layer constructed out of LADOTD 55 lb. class stone atop geocomposite. Also included in the project scope were nine (9) navigation aids that are to be installed adjacent to the proposed breakwater structures.</p> <p><b>GRAND ISLE SAND DUNE IMPROVEMENTS – Grand Isle, LA, LA</b></p> <p>Mr. Besson served as the project representative on this project tasked with daily reports, pay apps, overlooking construction, reviewing submittals, and overlooking surveying. Project consisted of dredging from Caminada Pass off of Grand Isle, and pumping material back onto west end beach levee to rebuild. Task while on project included overlooking building of levee, ensuring dikes built during construction were holding material in to be used, ensuring all slopes were to designed elevations, and keeping up with quantities of material dredged.</p> <p><b>GRAND ISLE STATE PARK IMPROVEMENTS– Grand Isle, LA</b></p> <p>Mr. Besson served as the project representative on this project tasked with daily reports, pay apps, overlooking construction, reviewing submittals, and overlooking surveys. Project consisted of new asphalt of campground, and roads inside the state park. Task while on project included keeping up with quantity of asphalt received, quantity of asphalt installed, making sure roads were on correct angles for proper drainage, and overlooking painting of lines throughout park.</p> <p><b>BAYSIDE BREAKWATER PHASE IV– Grand Isle, LA</b></p> <p>Mr. Besson served as the project representative on this project tasked with daily reports, pay apps, overlooking construction, reviewing submittals, and overlooking surveying. Project included new installation of seventeen additional breakwaters on northern side of Grand Isle, LA. Tasks while on project included barge measurement of quantities, overlooking placement of rocks, and overlooking placement of geotextile fabric installed.</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						
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p><b>18" WATER LINE – LEEVILLE BOOSTER STATION NO. 1 TO GOLDEN MEADOW FLOODGATE</b></p> <p><u>OWNER:</u>  Lafourche Parish Water District No. 1  Wayne Gautreaux  985-532-6924  wayneg@lpwdla.com</p>	<p><b>Project Summary:</b>  Port Fourchon in southern Lafourche Parish has grown dramatically over the last several decades. The Lafourche Parish Water District has undertaken many major projects to increase the amount of potable water available for use at the port. For this project, GIS personnel provided engineering services for the new 18" water line as well as the 36" water line crossing over the hurricane protection levee in Golden Meadow. GIS prepared engineering plans and provided construction administration for the new water line.</p> <p>The 18" Water Line - Leeville Booster Station No. 1 to Golden Meadow Floodgate project consisted of the installation of 17,400 linear feet of 18" water line and 1,750 linear feet of 36" water line, located in Lafourche Parish, Louisiana. The project had a total cost of \$2.97M split into two phases over a total contract time of 450 calendar days.</p> <div style="text-align: right;">  </div> <div style="border: 1px solid black; padding: 10px; margin-top: 20px;"> <p style="text-align: center;"><b>Scope of Work Relevant to the Contract</b></p> <ul style="list-style-type: none"> <li>Topographic Survey</li> <li>Utility Relocation Coordination</li> <li>Waterline Design</li> <li>Construction Drawings and Specifications</li> <li>Bidding and Negotiations</li> <li>Construction Administration</li> <li>Resident Project Representative</li> </ul> </div>					
<p><b>Completion Date (Actual or Estimated)</b></p> <p style="text-align: center;">2012</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="padding: 5px;">Work for which Firm was Responsible:</th> </tr> <tr> <td style="text-align: center; padding: 5px;">\$205,098</td> <td style="text-align: center; padding: 5px;">\$205,098</td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	\$205,098	\$205,098
Entire Project:	Work for which Firm was Responsible:					
\$205,098	\$205,098					

## TEC Professional Services Questionnaire

PROJECT NO. 2		
Project Location and Owner's contact information:	Name, and contact	Nature of Firm's Responsibility:
<b>WATER LINE REPLACEMENT WEST 159<sup>TH</sup> STREET, ET AL</b>  <b>OWNER:</b> Lafourche Parish Water District No. 1 Wayne Gautreaux wayneg@lpwdla.com 985-532-6924	<b>Project Summary:</b> This project consisted of the replacement of undersized water lines along several streets in Galliano and Golden Meadow, LA. The purpose of this project was to improve the quality of potable water service for the residents in the area. For this project, GIS personnel provided engineering services for the new water lines. GIS prepared engineering plans and provided construction administration for the new water line  The Water Line Replacement – West 159th Street, et al, project consisted of the installation of 4,070 linear feet of 8" water line along four streets located in Lafourche Parish, Louisiana. The project had a total cost of \$437K over a total contract time of 135 calendar days.	<div style="text-align: right; font-size: small; color: orange;">03/17/2020 15:01</div>  <div style="border: 1px solid black; padding: 10px; margin-top: 20px;"> <b>Scope of Work Relevant to the Contract</b> <ul style="list-style-type: none"> <li>Topographic Survey</li> <li>Utility Relocation Coordination</li> <li>Waterline Design</li> <li>Construction Drawings and Specifications</li> <li>Bidding and Negotiations</li> <li>Construction Administration</li> <li>Resident Project Representative</li> </ul> </div>
<b>Completion Date (Actual or Estimated)</b>	<b>Estimated Cost:</b>	
2020	<b>Entire Project:</b> \$38,558	<b>Work for which Firm was Responsible:</b> \$38,558


## TEC Professional Services Questionnaire

PROJECT NO. 3		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>WATER LINE REPLACEMENT – CLIFF'S LANE, ET AL</b></p> <p><u>OWNER:</u>  Lafourche Parish Water District  No. 1  Wayne Gautreaux  wayneg@lpwdla.com  985-532-6924</p>	<p><b>Project Summary:</b>  This project consisted of the replacement of undersized water lines along several streets in southern Lafourche Parish, LA. The purpose of this project was to improve the quality of potable water service for the residents in the area. For this project, GIS personnel provided engineering services for the new water lines. GIS prepared engineering plans and is providing construction administration for the new water line</p> <p>The Water Line Replacement – Cliff's Lane, et al, project consists of the installation of 4,760 linear feet of 8" water line along six streets located in Lafourche Parish, Louisiana. The project has a total cost of \$409K over a total contract time of 180 calendar days.</p> <div style="border: 1px solid black; padding: 10px; margin-top: 20px;"> <p style="text-align: center;"><b>Scope of Work Relevant to the Contract</b></p> <ul style="list-style-type: none"> <li>Topographic Survey</li> <li>Utility Relocation Coordination</li> <li>Waterline Design</li> <li>Construction Drawings and Specifications</li> <li>Bidding and Negotiations</li> <li>Construction Administration</li> <li>Resident Project Representative</li> </ul> </div>	
<b>Completion Date (Actual or Estimated)</b>	<b>Estimated Cost:</b>	
	Entire Project	Work for Which Firm was Responsible
2021	\$36,610	\$36,610

## TEC Professional Services Questionnaire

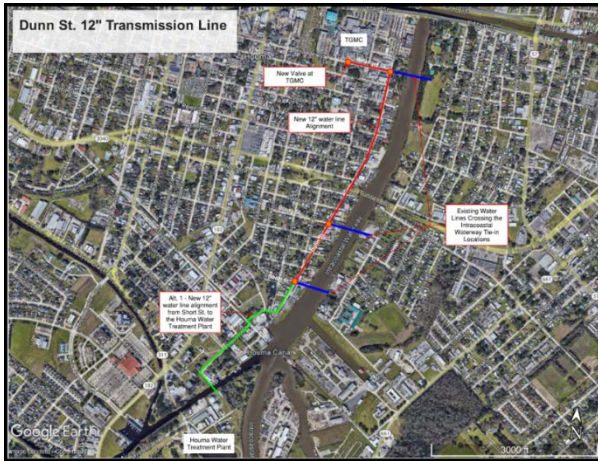
PROJECT NO. 4		
<b>Project Name, Location and Owner's contact information:</b>  <b>GRAND ISLE STATE PARK MAIN WATER LINE REPLACEMENT</b>  <u>OWNER</u> State of Louisiana Facility & Planning Control <b>David VanAlstine</b> 504-568-2414 David.vanalstine@la.gov	<b>Nature of Firm's Responsibility:</b>  <b>Project Summary:</b> This project consisted of the replacement of a deteriorated water line system in the Grand Isle State Park, Jefferson Parish, LA. The purpose of this project was to improve the quality of potable water service for the users of the park. For this project, GIS personnel provided engineering services for the new water lines. GIS prepared engineering plans and provided construction administration for the new water line  The Grand Isle State Park Main Water Line Replacement project consisted of the installation of 6,900 linear feet of 2"-8" water lines throughout Grand Isle State Park located in Jefferson Parish, Louisiana. The project had a total cost of \$257K over a total contract time of 163 calendar days.	
	<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <b>Scope of Work Relevant to the Contract</b> <ul style="list-style-type: none"> <li>Topographic Survey</li> <li>Utility Relocation Coordination</li> <li>Waterline Design</li> <li>Construction Drawings and Specifications</li> <li>Bidding and Negotiations</li> <li>Construction Administration</li> <li>Resident Project Representative</li> </ul> </div>	
<b>Completion Date (Actual or Estimated)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2017	\$46,103	\$46,103

## TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>WATER LINE RELOCATION AT HIGHWAY 1 IN GOLDEN MEADOW</b></p> <p><u>OWNER:</u>  <b>Lafourche Parish Water District No. 1</b>  <b>Wayne Gautreaux</b>            wayneg@lpwdla.com            985-532-6924</p>	<p><b>Project Summary:</b>            The Lafourche Parish Water District No. 1 is removing and relocating water main lines along LA Highway 1 in Golden Meadow, LA. The purpose of this project was to relocate existing 12", 14", and 18" water main lines from the west side of the road to the east side of LA Highway 1. This was done in order to allow for the construction of the new Highway 1 Bridge which these water lines would have conflicted with. For this project GIS provided engineering services as well as construction administration for the new water lines.</p> <p>The Waterline Relocation at Highway 1 in Conjunction with State Project No. H.008145 project consisted of installing approximately 130 linear feet of 14" PVC waterline, 270 linear feet of 18" PVC waterline, 860 linear feet of 20" PE and PVC waterlines, 1,390 linear feet of 22" PE waterline, and four bored highway crossings with a combination of open cut and jack and bore configurations with and without casings. The project also required extensive DOTD coordination and permitting due to the partial DOTD funding source and boring under LA Highway 1. The construction contract price is approximately \$2M and is expected to be completed by September of 2022.</p> <div style="text-align: center;">  </div> <div style="border: 1px solid black; padding: 10px; margin-top: 10px;"> <p><b>Scope of Work Relevant to the Contract</b></p> <ul style="list-style-type: none"> <li>Topographic Survey</li> <li>Utility Relocation Coordination</li> <li>Waterline Design</li> <li>Construction Drawings and Specifications</li> <li>Bidding and Negotiations</li> <li>Construction Administration</li> <li>Resident Project Representative</li> </ul> </div>	
<b>Completion Date</b> (Actual or Estimated)	<b>Estimated Cost:</b>	
2022	<b>Entire Project:</b> \$2.2 Million	<b>Work for which Firm was Responsible:</b> \$135,000



## TEC Professional Services Questionnaire

PROJECT NO. 6		
<b>Project Name, Location and Owner's contact information:</b>  <b>NEW 12" TRANSMISSION LINE ALONG DUNN STREET</b>  <u>OWNER:</u> Terrebonne Parish Consolidated Waterworks District No. 1 <b>Jacob Prosperie</b> jacob.prosperie@tpcw.org 985-655-6360	<b>Nature of Firm's Responsibility:</b>  <b>Project Summary:</b> The Terrebonne Parish Consolidated Water Works District No. 1 is installing a new transmission line which will facilitate water distribution to the East Side of Houma via 3 tie-in locations to existing lines under the GIWW. This new line will also function as a dedicated emergency supply line to Terrebonne General Hospital. Each tie-in point will be outfitted with automatic pressure control valves that would close if a significant drop in system pressure ever occurred, maintaining water supply directly to the hospital from the Houma Water Treatment Plant.  The new line is proposed to be directionally bored PE pipe, installed at a depth of approximately 6'-8' below grade. The location of the project is adjacent to one of Houma oldest neighborhoods and the numerous existing utilities and small ROW limited convention open cut trench methods of installation. In addition to the utilities, Dunn St. also crosses over the Houma tunnel which requires GIS to design and coordinate the installation of the line over the aging LaDOTD Houma tunnel. The project is proposed to have a base bid of approx. 1 mile of 12" PE pipe estimated to cost \$5 million and 1 additive alternate which will add an additional ½ mile of 12" PE pipe at an estimated cost of \$2 million.	
		
	<div style="border: 1px solid black; padding: 10px;"> <b>Scope of Work Relevant to the Contract</b> <ul style="list-style-type: none"> <li>Topographic Survey</li> <li>Utility Relocation Coordination</li> <li>Waterline Design</li> <li>Construction Drawings and Specifications</li> </ul> </div>	
<b>Completion Date (Actual or Estimated)</b>  2023	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>  \$7 Million	<b>Work for which Firm was Responsible:</b>  \$898,280



## TEC Professional Services Questionnaire

PROJECT NO. 7						
<b>Project Name, Location and Owner's contact information:</b>  <b>18" WATERLINE – GALLIANO TO CUTOFF</b>  <u>OWNER:</u> Lafourche Parish Water District No.1 Wayne Gautreaux wayneg@lpwdla.com 985-532-6924	<b>Nature of Firm's Responsibility:</b>  <b>Project Summary:</b> In the early 2000s, the Lafourche Parish Water District No. 1 (LPWD) began a series of improvements designed to increase the amount of potable water flow to Port Fourchon. Part of this series of improvements was an 18" water line along Highway 3235 between Galliano and Cut Off, approximately 32,000-ft long. The purpose of this project is to complete the final phase of these improvements that began nearly two decades ago. This water line will increase the amount of water available to Port Fourchon and potentially Grand Isle. For this project GIS provided engineering services and will be handling the bidding and construction oversight phases beginning in May 2023.  The 18" Waterline – Galliano to Cutoff project consists of installing approximately 32,000 linear feet of 18" PVC waterline and 5,000 linear feet of bores with a combination of open cut and jack and bore configurations with and without casings. The project also requires numerous valves, fitting, restraints, fire hydrants, and extensive route clearing. The estimated construction cost is approximately \$8.1M and is expected to go out for bids in May 2023, with construction presumed to begin soon after.					
						
	<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: 0 auto;"> <b>Scope of Work Relevant to the Contract</b> <ul style="list-style-type: none"> <li>Topographic Survey</li> <li>Utility Relocation Coordination</li> <li>Waterline Design</li> <li>Construction Drawings and Specifications</li> </ul> </div>					
<b>Completion Date</b> <b>(Actual or Estimated)</b>  2023	<b>Estimated Cost:</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black; padding: 5px;"><b>Entire Project:</b></td> <td style="width: 50%; border-bottom: 1px solid black; padding: 5px;"><b>Work for which Firm was Responsible:</b></td> </tr> <tr> <td style="text-align: center; padding: 5px;">\$8.1 Million</td> <td style="text-align: center; padding: 5px;">\$208,500</td> </tr> </table>		<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>	\$8.1 Million	\$208,500
<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>					
\$8.1 Million	\$208,500					

## TEC Professional Services Questionnaire

PROJECT NO. 8											
<b>Project Name, Location and Owner's contact information:</b>  <b>OLD RIVER CONTROL STRUCTURES HIGH WATER MONITORING SURVEYS, LA</b>  <u>OWNER:</u> USACE-New Orleans District Michael D. French michael.d.french@usace.army.mil 504-862-1865	<b>Nature of Firm's Responsibility:</b>  <b>Project Summary:</b> New Orleans District Contract No. W912P8-15-D-0009, Task Order 19F0129. Daily I & E Monitoring Surveys were performed at four control structures due to the 2019 high waters. These structures were the Old River Control Low Sill, Auxiliary, and Overbank Structures, and the Morganza Flood Control Structure.  The surveys consisted of running digital levels through settlement marks and conducting horizontal measurement surveys with robotic total stations and data collectors at each structure with additional topographic and hydrographic surveys of the overbanks and channels when required. A hydrographic multibeam survey was also conducted each week at the Low Sill Structure for additional monitoring. CSI conducted these surveys with conventional multibeam and CSI's "Tapper II" remote multibeam data collection platform surveys from January 7, 2019 through August 31, 2019 due to extended high water levels. Aerial LiDAR Scanning and Photographic surveys were also conducted at the Low Sill Structure utilizing our Riegl Ricopter equipped with a Riegl VUX-1 mobile laser scanner.  All digital levels were checked on site and delivered promptly. 3D Surface difference models were created and checked for scouring as an additional QA/QC check. Hydrographic data was processed and referenced to the proper datums using the latest version of HYPACK and deliverables were prepared and submitted that day via the government's file transfer system once reviewed by a registered PLS.  All data was collected in accordance with the then current USACE Engineer Manuals for Hydrographic and Topographic Surveys. All surveys exceeded the standards set forth in the USACE New Orleans District Guide for Minimum Survey Standards.										
											
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 35%; text-align: center; padding: 5px;"> <b>Completion Date (Actual or Estimated)</b> </td> <td colspan="2" style="text-align: center; padding: 5px;"> <b>Estimated Cost:</b> </td> </tr> <tr> <td style="text-align: center; padding: 5px;">2019</td> <td style="width: 30%; text-align: center; padding: 5px;"> <b>Entire Project:</b> </td> <td style="width: 35%; text-align: center; padding: 5px;"> <b>Work for which Firm was Responsible:</b> </td> </tr> <tr> <td style="text-align: center; padding: 5px;">2019</td> <td style="text-align: center; padding: 5px;">\$338,000</td> <td style="text-align: center; padding: 5px;">\$338,000</td> </tr> </table>		<b>Completion Date (Actual or Estimated)</b>	<b>Estimated Cost:</b>		2019	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>	2019	\$338,000	\$338,000
	<b>Completion Date (Actual or Estimated)</b>	<b>Estimated Cost:</b>									
2019	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>									
2019	\$338,000	\$338,000									

## TEC Professional Services Questionnaire

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

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

### INTRODUCTION



GIS Engineering's (GIS) local offices (New Orleans, Houma, Baton Rouge, New Roads, Thibodaux, Napoleonville, and Galliano) are comprised of technical staff with extensive experience throughout southeast Louisiana. The strength of our local ownership and compassion for engineering has allowed GIS Engineering to grow to more than 170 employees in Louisiana, in six (6) years since our inception in January 2016. GIS and our family of companies are committed to Louisiana and have been since as early as 1948. GIS Engineering, LLC (GIS) and our staff hold a legacy of more than 40 years of experience in engineering, environmental, design, project and program management, surveying and mapping, and construction administration. 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 members 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](#) due to our adherence to our core mission – To deliver superior services that exceed clients' and communities' expectations through responsive and empowered employees. 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, 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.

**John Plaisance, PE, PLS**, is GIS Engineering's Director of Operations for our Galliano office and Senior Civil Engineer 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 designed and managed construction for numerous water projects for clients in Lafourche Parish over his long career.

**Kyle Galloway, PE**, has 11 years of experience delivering civil engineering designs and studies in south Louisiana and adding value for his clients. Mr. Galloway has performed drainage designs and watershed studies for local clients including the Town of Grand Isle, the City of New Orleans, the Sewerage and Water Board of New Orleans, and Terrebonne Parish. 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. He has developed the knowledge and experience necessary for the successful planning and completion of engineering projects.

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, studies, design, 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 Engineers, 7 Professional Land Surveyors, 19 Engineer Interns, 14 design technicians, 11 construction inspectors, and all of the support staff required.

### 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 additional staff while performing the same workload, anticipating future awards. This extra staff provides ample capacity to complete this work. We are committed to continue growing our staff to continue delivering timely products to our clients.

Personnel: GIS alone and most certainly with the additional resources of our subcontractor has more than twice the capacity in all required areas of this contract to not only ensure that we meet or beat the assignment due dates but to cope with unplanned situations such as extraordinary weather delays, or to meet any additional needs of Jefferson Parish to include emergency engineering, surveying and geotechnical services. These personnel are all annually trained and have an ABUNDANCE of experience in engineering, surveying and geotechnical services to perform any tasks effectively and safely, from the most basic to the most complex, which has been routinely demonstrated by us on our previous contracts.

GIS and its subcontractor have a VAST amount of reserves in office staff to include engineer, survey and computer technicians, GIS/CADD technicians, draftspersons, and administrative personnel. We have orchestrated our intended relationships with our subcontractor to specifically ensure reserve capacity for any exigency during the period of this contract. GIS has also demonstrated over the years in our relationship with the Terrebonne and Lafourche Parish as well as many other municipalities that we have been able to meet all surveying and engineering demands through good planning and the effective use of subcontractors. We have also established our ability to perform multiple projects simultaneously in our relationships with the Terrebonne and Lafourche Parish.

In summary GIS is postured to meet any demands of the Parish during the period of this contract through effective use of our relationships with other quality engineering, surveying and geotechnical firms if needed, which has been demonstrated throughout our history.

### CRITERION NO. 4: PAST PERFORMANCE BY FIRM ON PROJECTS OF COMPARABLE SIZE, SCOPE, AND SCALE

As illustrated in the project section, GIS has completed large scale water line projects like “**NEW 12” TRANSMISSION LINE ALONG DUNN STREET**” with a construction cost of over 7 million. The scope for the project also calls for tying into lines at 3 locations under the GIWW. GIS also has experience on smaller waterline relocations such as the “**GRAND ISLE STATE PARK MAIN WATER LINE REPLACEMENT**” with a construction cost of just over 46 thousand. The GIS staff is very familiar with the Jack and Bore, Directional Drill, and Pipe Burst methods for relocating water lines.

### CRITERION NO. 5: LOCATION OF THE PRINCIPAL OFFICE

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, Napoleonville, and Galliano will support our New Orleans staff as needed. **All 174 full-time 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. Also, our Construction Manager Joseph Chauvin along with Justin Besson the Project Representative are both born and raised in Grand Isle, LA.**



## TEC Professional Services Questionnaire

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

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

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

As illustrated in the resumes and project descriptions above, GIS has a successful track record of delivering construction bid packages for water projects of various sizes and managing construction on behalf of our clients. We are proud of our history of delivering quality projects that serve our communities and give our clients peace of mind.

Clients who can provide references for the quality of our work include:

- David Camardelle, Mayor, Town of Grand Isle: [mayor.togi@viscom.net](mailto:mayor.togi@viscom.net)
- Ricky Templet, Councilman, District 1, Jefferson Parish: [rickytemplet@jeffparish.net](mailto:rickytemplet@jeffparish.net)
- Archie Chaisson, President, Lafourche Parish: [chaissonap@lafourchegov.org](mailto:chaissonap@lafourchegov.org)
- Chett Chiasson, Executive Director, Port Fourchon: [chettc@portfourchon.com](mailto:chettc@portfourchon.com)
- Gordon Dove, President, Terrebonne Parish: [gdove@tpcg.org](mailto:gdove@tpcg.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**

***"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.**



## TEC Professional Services Questionnaire

### 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
- 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

All of our key staff have a record of successful delivery of coastal projects for local clients throughout southeast Louisiana, as shown on their resumes in this proposal. Other projects our staff have delivered in Jefferson Parish include:

<b>David Drive &amp; York Street Sewer Lift Station D6-9</b>	<b>Gardere Canal &amp; 41<sup>st</sup> Street Sewer Lift Station N-12-1</b>
<b>Bayside Segmented Breakwaters</b> , Grand Isle, LA	<b>Grand Isle &amp; Vicinity West End Beach Nourishment Project BA-0210</b> , Grand Isle, LA
<b>Breakwater Protection Project (Cheniere-Caminada to Bayou Thunder)</b> , Grand Isle, LA	<b>Emergency Sand Dune Repair</b> , Grand Isle, LA
<b>Deepwater Horizon Oil Spill Rock/Barge Plan</b> , Grand Isle, LA	<b>Emergency Rehabilitation of Beach Levee (Grand Isle and Vicinity Project STA 23+50 to 29+00)</b> , Grand Isle, LA
<b>Landry's Hole and Cypress Lane Pump Stations</b> , Grand Isle, LA	<b>Jones Point – LA 301 Drainage Improvements</b> , Lafitte Area Independent Levee District
<b>Grand Isle State Park – Improvements to Fishing Pier</b> , CPRA	<b>Town of Grand Isle Drainage and Pumping Station Requirements Study</b>
<b>Jefferson Parish Coastal Master Plan (1992, 2002, 2012)</b>	<b>Mounes Street Drainage Improvements</b>
<b>Elise Avenue Drainage Pump Station and Subsurface Drainage Improvements</b>	<b>St. Peter's Ditch Phase 3C</b>
<b>Goose Bayou Basin Drainage Pump Station No. 2</b>	<b>Clearview Drainage Pump Station – St. Peter's Ditch Phase 4</b>
<b>Routine Engineering, Surveying, and Maintenance Tasks for TOGI and GILD</b>	


### MINIMUM REQUIRED QUALIFICATIONS

- Principal who is a professional civil engineer – Dustin Malbrough, PE, is President of GIS Engineering with legal authority to act on behalf of the company. He serves as GIS Engineering's supervising professional.
- Professional in charge of the project who is a professional civil engineer – Kyle Galloway, PE, will manage this contract out of GIS Engineering's New Orleans office. Mr. Galloway has 11 years of experience in civil engineering design.
- Professional engineer with the expertise required – John Plaisance, PE, PLS will be the lead technical professional on this contract, bringing his expertise of nearly 40 years in utility designs to all task orders. All of the engineers listed in this proposal are registered professional engineers with the necessary experience to deliver routine engineering services for water projects.

**GIS ENGINEERING IS READY AND AVAILABLE TO PERFORM WATER DESIGNS FOR JEFFERSON PARISH!!**

## TEC Professional Services Questionnaire

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

Signature:  \_\_\_\_\_ Print Name: Dustin M. Malbrough, PE

Title: President Date: 04/28/2022

## TEC Professional Services Questionnaire

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

SOQ # 23-008

To Provide Professional Engineering Services for Grand Isle Waterline Lowering Project

**B. Firm Name & Address:**

The Beta Group  
1428 1/2 Claire Ave.  
Gretna, LA 70053

**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:**

Alex Jaramillo, P.E.  
Geotechnical Engineer/ Technical Manager  
Email: alexj@betagroupgc.com  
(504) 227-2273

**D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.****E. Please provide the number of employees whose primary function corresponds with each category:**

<u>3</u> Administrative	<u>2</u> Estimators	<u>    </u> Specification Writers
<u>    </u> Architects (Licensed)	<u>    </u> Geologists	<u>    </u> Structural Engineers
<u>    </u> Chemical Engineers	<u>    </u> Geotechnical Engineers	<u>    </u> Graduate Engineers
<u>2</u> Civil Engineers	<u>    </u> Interior Designers	<u>10</u> Project Managers
<u>25</u> Construction Inspectors	<u>    </u> Landscape Architects	<u>3</u> Clerical
<u>    </u> Ecologists	<u>    </u> Land Surveyor	<u>    </u> Grant/Funding Specialist
<u>    </u> Electrical Engineers	<u>    </u> Mechanical Engineers	<u>    </u> Sanitary Engineers
<u>1</u> Engineer Intern	<u>    </u> Environmental Engineers	
<u>    </u> Professional Land Surveyors		<u>46</u> <b>TOTAL</b>

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

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

## TEC Professional Services Questionnaire

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

### **PROFESSIONAL IN CHARGE OF PROJECT:**

**Name & Title:**

Alex Jaramillo  
Geotechnical Engineer/ Technical Manager

**Project Assignment:**

Geotechnical Engineer/ Technical Manager

**Name of Firm with which associated:**

The Beta Group Engineering and Construction Services

**Years' experience with this Firm:**

11 years with Beta  
16 years with other firms

**Education: Degree(s)/Year/Specialization:**

B.S./1999/Civil Engineering, University of New Orleans

**Active registration: Year first registered/discipline:**

2011, Civil Engineering, Louisiana No. 36324

**Other experience and qualifications relevant to the proposed Project:**

Mr. Jaramillo is responsible for: All geotechnical activities including performing subsoil explorations, completion of soils laboratory testing, geotechnical analyses for projects and completion of the geotechnical report; Preparation, presentation and management of scope, budget, and work plan; review daily field inspection reports for accuracy and completeness; Monitor the soils laboratory activities; Coordinate logistics; Supervise and interpret field and laboratory testing/ data for use in engineering analyses; Ensure services provided are technically satisfactory and effective; Monitor that the project goal and quality objectives are being provided; Responsible for routine communication with client during projects; Prepare and review technical reports and ensure on-time delivery.

As technical Manager he is responsible for maintaining proper training and supervision for inspection personnel, solving problems with on-going projects, reviews inspection reports for completeness and accuracy, analyzes and and interprets lab test results, and maintains the laboratory's accreditation and technical competence.



### TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Murray White President/ Principle/ Quality Assurance
<b>Project Assignment:</b>
Quality Assurance
<b>Name of Firm with which associated:</b>
The Beta Group Engineering and Construction Services
<b>Years' experience with this Firm:</b>
23 years with The Beta Group 2 years with other firms
<b>Education: Degree(s)/Year/Specialization:</b>
1991-1994, coursework, University of Mississippi 1994-1995, coursework, Nicholls State University
<b>Active registration: Year first registered/discipline:</b>
N/A
<b>Other experience and qualifications relevant to the proposed Project:</b>
Mr. White has served as President of Beta since 1999. In his years with the firm, he established and maintained an appropriate quality assurance program at various levels of the organization. He has performed all required inspections and tests to maintain quality control and assure compliance to specifications, codes and standards on multiple projects. Further, Mr. White established and maintained equipment calibration procedures and records, and provided detailed inspection procedures for various projects. In his career, Mr. White served as a Field Technician with another firm. He performed all necessary inspections and tests required to maintain quality control and assure adherence to project specifications, codes, and standards. He also dispatched inspectors to requested project sites to perform numerous tasks for contractors.

**TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Hannah Jenkins, E.I. Project Engineer
<b>Project Assignment:</b>
Project Engineer
<b>Name of Firm with which associated:</b>
The Beta Group Engineering and Construction Services
<b>Years' experience with this Firm:</b>
1.5 years with Beta
<b>Education: Degree(s)/Year/Specialization:</b>
B.S. Civil Engineering, 2022 University of New Orleans
<b>Active registration: Year first registered/discipline:</b>
2022, Civil Engineering, Louisiana No. 0035170
<b>Other experience and qualifications relevant to the proposed Project:</b>
Ms. Jenkins has worked for The Beta Group since September of 2021. She gained her start as a Geotechnical Intern and worked as such until she graduated in May of 2022 with a Bachelor of Science in Civil Engineering. Ms. Jenkins now serves as a staff engineer in Beta's Geotechnical Department. She has gained experience in both field and lab testing and analyses during her time at Beta, as well as performing a multitude of analyses including Deep Foundation Design, Lateral Pile Analyses, Pavement Design, Seepage Analyses, Settlement Analyses, Sheet Pile Analyses, Slope Stability, Time Rate Analyses, and many others. Ms. Jenkins has passed the Fundamentals of Engineering and is currently working towards her P.E. license.



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b> Benjamin Kempton Geotechnical Project Manager
<b>Project Assignment:</b> Geotechnical Project Manager
<b>Name of Firm with which associated:</b> The Beta Group
<b>Years' experience with this Firm:</b> 12
<b>Education: Degree(s)/Year/Specialization:</b> College Coursework
<b>Active registration: Year first registered/discipline:</b>
<b>Other experience and qualifications relevant to the proposed Project:</b> Currently, as the Geo Project Manager of Beta, Mr. Kempton is responsible for: -All geotechnical activities including performing subsoil explorations -Preparation, presentation and management of scope, budgets, and work plan -Coordinate logistics, such as staffing and sub consultants -Ensure services provided are technically satisfactory and effective -Monitor that the project goals and quality objectives are being provided -Responsible for routine communication with client during the project -Supervise, train and mentor personnel in company procedures -Prepare technical reports and ensure on-time delivery of the reports -Troubleshoot project issues and conflicts

### 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.**

<b>PROJECT NO. 1</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Lafitte Tidal Protection Levee, Crown Point Basin Lafitte, LA  Lafitte Levee District Mayor Tim Kerner 504-233-1109	The Beta Group provided geotechnical services relating to subsurface explorations. Geotechnical Engineering Analysis included: Allowable Pile Load Capacities, Slope Stability Analysis, Sheet Pile Analysis, Estimates of Settlement, and General Construction Procedures and Recommendations.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Dec. 2018 (Estimated)	N/A	\$348,000 (fee)

<b>PROJECT NO. 2</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Lafitte Tidal Protection Levee, Pallet Tidal Levee Lafitte, LA  Lafitte Levee District Mayor Tim Kerner 504-233-1109	The Beta Group provided geotechnical services relating to subsurface explorations. Geotechnical Engineering Analysis included: Allowable Pile Load Capacities, Estimates of Settlement, Slope Stability Analysis, Sheet Pile Analysis (if needed) and General Construction Procedures and Recommendations.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Dec. 2018 (Estimated)	N/A	\$92,000 (fee)

### TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility</b>	
Lafitte Tidal Protection Levee Lower 45 Lafitte, LA  Lafitte Levee District Mayor Tim Kerner 504-233-1109	The Beta Group provided geotechnical services relating to subsurface explorations. Geotechnical Engineering Analysis included: Allowable Pile Load Capacities, Estimates of Settlement, Slope Stability Analysis, Sheet Pile Analysis and General Construction Procedures and Recommendations.	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019 (Estimated)	N/A	\$75,000 (fee)

<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Lafitte Tidal Protection Levee, Pallet Tidal Levee Lafitte, LA  Lafitte Levee District Mayor Tim Kerner 504-233-1109	The Beta Group provided geotechnical services relating to subsurface explorations. Geotechnical Engineering Analysis included: Allowable Pile Load Capacities, Estimates of Settlement, Slope Stability Analysis, Sheet Pile Analysis (if needed) and General Construction Procedures and Recommendations.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019 (Estimated)	N/A	\$77,000 (fee)



### TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Levee Repair Project Lafitte, LA  Lafitte Levee District Mayor Tim Kerner 504-233-1109	The Beta Group provided geotechnical services relating to subsurface explorations. Geotechnical Engineering Analysis included: Estimates of Settlement, Slope Stability Analysis, Acceptable Crown Widths and General Construction Procedures and Recommendations.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Dec. 2018 (Estimated)	N/A	\$27,000 (fee)

<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
West Barataria Marsh Creation Corridor Project Jefferson Parish, LA  Aptim 2424 Edenborn Ave., Suite 450 Metairie Louisiana	The Beta Group provided geotechnical services relating to subsurface explorations. Geotechnical Engineering Analysis included: Allowable Pile Load Capacities, Estimates of Settlement, Slope Stability Analysis, Sheet Pile Analysis (if needed) and General Construction Procedures and Recommendations.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Current Project	N/A	\$192,000 (to date)

### TEC Professional Services Questionnaire

<b>PROJECT NO. 7</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Cheniere Caminada Breakwater Project Jefferson Parish, LA  GIS Engineering 197 Elysian Drive Houma, Louisiana	The Beta Group provided geotechnical services relating to subsurface explorations. Geotechnical Engineering Analysis included: Allowable Pile Load Capacities, Estimates of Settlement, Slop Stability Analysis, Sheet Pile Analysis (if needed) and General Construction Procedures and Recommendations.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Current Project	N/A	\$95,000 (to date)

<b>PROJECT NO. 8</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Lafitte Tidal Protection Levee Goose Bayou (Penn Levee), Basin Tidal Levee Lafitte, LA  Lafitte Levee District Mayor Tim Kerner 504-233-1109	Beta provided geotechnical services relating to subsurface explorations. Geotechnical Engineering Analysis included: Allowable Pile Load Capacities, Estimates of Settlement, Slop Stability Analysis, Sheet Pile Analysis and General Construction Procedures and Recommendations.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
August 2017 (Actual)	N/A	\$65,000 (fee)



### TEC Professional Services Questionnaire

<b>PROJECT NO. 9</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Clovelly and Brenton Canal Wiers Lafourche Parish, LA  South Lafourche Levee District Windell Curole 985-632-7554	Beta provided geotechnical services relating to subsurface explorations. Geotechnical Engineering Analysis included: Allowable Pile Load Capacities, Estimates of Settlement, Slope Stability Analysis and General Construction Procedures and Recommendations.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2013 (Actual)	N/A	\$10,000 (fee)

<b>PROJECT NO. 10</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Ellendale Levee Rehabilitation Houma, LA  Providence/GSE Bryan Breaud, PE 985-876-6380	Beta provided geotechnical services relating to subsurface explorations. Geotechnical Engineering Analysis included: Estimates of Settlement, Slope Stability Analysis and General Construction Procedures and Recommendations.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2015 (Actual)	N/A	\$25,000 (fee)

## TEC Professional Services Questionnaire

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

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

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


The Beta Group is a Gretna-based full-service geotechnical and construction materials testing laboratory. The Beta Group has provided construction materials testing and inspection on over 6,000 projects since 1997; key personnel have a combined 96 years of experience in construction materials testing. The firm is fully licensed to provide engineering services in the State of Louisiana. Our technicians are capable of performing the following services:  
 Geotechnical Services. Beta provides a full range of geotechnical services relating to subsurface explorations, soils laboratory testing and geotechnical engineering analyses. Our engineering staff includes Louisiana-registered professional engineers and has extensive experience in a wide range of projects that include buildings, drainage structures, roads, etc. Our geotechnical experience includes shallow foundations including settlement analyses, deep foundation systems including driven piles, drilled shafts and auger cast piles, pavement design including rigid and flexible pavements, full scale pile load testing and construction inspections. Our soils laboratory offers a variety of geotechnical testing such as moisture contents, Atterberg limits, unconfined compression tests, sieve analyses, specific gravities, organic contents, etc.  
 TBG has over 50 employees and is expanding in order to meet our growing client base. Our work force is composed of three registered professional engineers, a business development manager, an operations manager, three secretaries, and over 25 technicians. Our laboratory has been inspected by the U.S. Army Corps of Engineers and several independent calibration laboratories. We are also certified with the American Association of State Highway and Transportation Officials (AASHTO). We have the manpower and equipment to meet the deadlines and time-frame requirements set forth by our clients.

Further, TBG has an exemplary record in regards to cost control. We employ a comprehensive cost checking program throughout the execution of the project, and have had no problems in meeting budgetary guidelines.

The Beta Group is a recognized Disadvantaged Business Enterprise (DBE) by the following entities:

- Louisiana Unified Certification Program
- Mississippi Unified Certification Program
- Federal Aviation Administration (FAA)
- New Orleans Aviation Board (NOAB)
- Mayor's Office of Economic Development, City of New Orleans
- Sewerage & Water Board of New Orleans
- City of Jackson, Mississippi (MBE)

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

Signature:  Print Name: Murray White  
 Title: President Date: 4/11/23