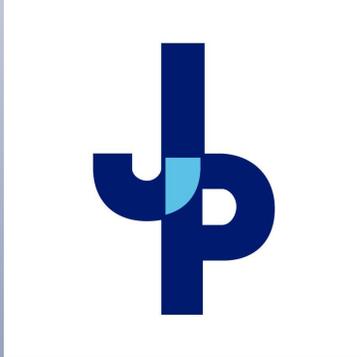


ROUTINE ENGINEERING SERVICES FOR WATER PROJECTS



ENGINEERING LLC

Vision: The Professional Service Provider of Choice

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

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

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



June 21, 2024

Drainage Department
Parish of Jefferson

**RE: ROUTINE ENGINEERING SERVICES FOR WATER PROJECTS
Resolution No. 144203**

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,



Kyle J Galloway, PE
Director of Operations

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

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Routine Engineering Services for Water Projects
 SOQ No.: 24-013; Res. No. 144203

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:

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

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

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. | N/A | | |
| 2. | | | |
| 3. | | | |

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

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



TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT: |
| Name & Title: |
| Oneil P. Malbrough, Jr., REM, Sr. Vice President |
| Project Assignment: |
| Principal in Charge |
| Name of Firm with which associated: |
| GIS Engineering, LLC |
| Years' experience with this Firm: |
| With this firm: <u>8</u> With other firms: <u>40</u> |
| Education: Degree(s) / Year / Specialization: |
| Master of Science / 1995 / Environmental Engineering Bachelor of Science / 1975 / Engineering Science |
| Active registration: Year first registered / discipline: |
| Year first registered: <u>1992</u> Branch: <u>Registered Environmental Manager</u> LA License No. <u>5311</u> |
| Other experience and qualifications relevant to the proposed Project: |
| <p>Mr. Malbrough has more than 40 years of engineering and environmental consulting experience, that includes supervising a staff of engineers, land surveyors, environmental professionals, engineering technicians and CADD drafters for work on levee projects, flood control projects, navigation projects, hurricane protection projects, coastal restoration projects, permits, environmental assessments and NEPA compliance, road and bridge projects, and master planning for ports and local parishes. This has given him the expertise, skill, and insight required to provide thorough and accurate results for successful project execution and delivery.</p> <p>TOWN OF GRAND ISLE (TOGI) (2016) Mr. Malbrough and his team assisted the TOGI in completing Emergency Repairs to a portion of the Grand Isle and Vicinity Beach Erosion and Hurricane Protection Project Levee on the western end of Grand Isle.</p> <p>JEFFERSON PARISH (JP) COMPREHENSIVE COASTAL PLAN (1992, 2002, 2012) In 1992 Mr. Malbrough led a team of coastal engineers and scientists to produce a Coastal Master Plan for JP. In 2002 and 2012, Mr. Malbrough led his team to update the Plan with current and new projects.</p> <p>NUMEROUS CWPPRA PROJECTS IN JEFFERSON PARISH (1985-2005) For over 20 years, Mr. Malbrough assisted Jefferson Parish with moving several shoreline 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>LA DEPT OF NATURAL RESOURCES COMPREHENSIVE BARRIER ISLAND STUDY: (1990-1994) Mr. Malbrough and his CEEC Team worked as a subcontractor to T. Baker Smith and Sons for the LA-DNR to conduct a Comprehensive Barrier Island Study for the Louisiana Coast from the Mississippi River to the Atchafalaya River.</p> <p>SOUTH TERREBONNE TIDEWATER AND CONSERVATION DISTRICT (STTMCD): (2007, 2014) In the early 1990's Mr. Malbrough and his team were the Principal Lead for the Local Sponsors, STTMCD and LADOTD in a USACE Feasibility Study for the Morganza to the Gulf, which was eventually authorized in 2007 and again in 2014.</p> <p>AMITE RIVER AND TRIBUTARIES ECOSYSTEM/BAYOU MANCHAC RESTORATION STUDY (2004 – 2014) Mr. Malbrough supervised the engineering and planning support for this ecosystem feasibility study on behalf of the PLD. While the primary focus of the study was ecosystem restoration, the study also included other measures such as flood control, flood risk reduction and recreational benefits.</p> <p>GRAND ISLE INDEPENDENT LEVEE DISTRICT (2010 – 2015) 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

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| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT: |
| Name & Title: |
| Kyle Galloway, PE – Civil Engineer |
| Project Assignment: |
| Project Manager |
| Name of Firm with which associated: |
| GIS Engineering, LLC |
| Years' experience with this Firm: |
| With this firm: <u>5</u> With other firms: <u>10</u> |
| Education: Degree(s) / Year / Specialization: |
| Master Certificate / 2013 / Coastal Engineering Bachelor of Science / 2009 / Civil Engineering |
| Active registration: Year first registered / discipline: |
| Year first registered: <u>2015</u> Branch: <u>Civil</u> LA License No. <u>PE# 40317</u> |
| Other experience and qualifications relevant to the proposed Project: |
| <p>Mr. Galloway is a proven leader and manager with 15 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>JONES POINT – LA 301 DRAINAGE IMPROVEMENTS – Lafitte Area Independent Levee District, LA (2020-Ongoing) Mr. Galloway is managing the design of drainage improvements in the Jones Point area near the Town of Jean Lafitte. The project involves extensive coordination among several consultants working to deliver flood risk reduction from storm surges and rainfall. GIS completed the 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>LANDRY'S HOLE AND CYPRESS LANE PUMP STATIONS – Grand Isle, LA (2020) Mr. Galloway oversaw the design of expansions to two existing pump stations in Grand Isle, LA. The project will add two 24" pumps with electric motors and diesel back-ups to each existing pump station. Mr. Galloway managed the survey and design of each station.</p> <p>WATER AND SEWER LINE REPLACEMENTS - 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>ST. BERNARD HIGH SERVICE WATER PUMPS – 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>BYWATER MARIIGNY RECOVERY ROADS – 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>BROADMOOR RECOVERY ROADS – 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

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|--|------|----------------------|-----------------------|----------|
| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT: | | | | |
| Name & Title: | | | | |
| John Plaisance, PE, PLS | | | | |
| Project Assignment: | | | | |
| Civil Engineer | | | | |
| Name of Firm with which associated: | | | | |
| GIS Engineering, LLC | | | | |
| Years' experience with this Firm: | | | | |
| With this firm: <u>4</u> With other firms: <u>33</u> | | | | |
| Education: Degree(s) / Year / Specialization: | | | | |
| Master of Science / 1985 / Civil Engineering Bachelor of Science / 1983 / Civil Engineering | | | | |
| Active registration: Year first registered / discipline: | | | | |
| Year first registered: | 1988 | Branch: Civil | LA License No. | PE 24038 |
| | 1992 | | Survey | PLS 4669 |
| Other experience and qualifications relevant to the proposed Project: | | | | |
| <p>Mr. Plaisance is the Lead Professional Engineer for Potable Water with over 35 years of experience as a Louisiana Registered Civil Engineer and a Licensed Land Surveyor. Mr. Plaisance has provided surveying and designed 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>GRAND ISLE STATE PARK MAIN WATER LINE REPLACEMENT– 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>LAFOURCHE PARISH WATER DISTRICT NO. 1, MULTIPLE WATER LINES – 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>WATER LINE RELOCATION AT HIGHWAY 1 IN GOLDEN MEADOW – Golden Meadow, LA Mr. Plaisance served as the Project Engineer on this project. He was responsible for coordination with the client. He was responsible for the design of all elements of the project, including the topographic survey and the construction administration of the project. 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, and four bored highway crossings with a combination of open cut and jack and bore configurations with and without casings.</p> <p>WATER LINE REPLACEMENT: CLIFF'S LANE – Golden Meadow, LA Mr. Plaisance served as the Project Engineer on this project. He was responsible for coordination with the client. He was responsible for the design of all elements of the project, including the topographic survey and the construction administration of the project.</p> <p>LEEVILLE BOOSTER NO. 1 TO GOLDEN MEADOW FLOODGATE – Lafourche Parish, La Mr. Plaisance served as the Project Engineer on this project. He was responsible for coordination with the client. He was responsible for the design of all elements of the project, including the topographic survey and the construction administration of the project. This 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> | | | | |

TEC Professional Services Questionnaire

| | | | | |
|--|------|---------------|----------------|----------|
| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT: | | | | |
| Name & Title: | | | | |
| Jacob Loeske, PE, LSI | | | | |
| Project Assignment: | | | | |
| QA / QC Manager | | | | |
| Name of Firm with which associated: | | | | |
| GIS Engineering, LLC | | | | |
| Years' experience with this Firm: | | | | |
| With this firm: <u>4</u> With other firms: <u>17</u> | | | | |
| Education: Degree(s) / Year / Specialization: | | | | |
| Bachelor of Science / 2002 / Environmental Engineering | | | | |
| Active registration: Year first registered / discipline: | | | | |
| Year first registered: | 2007 | Branch: Civil | LA License No. | PE 33285 |
| | 2008 | | Survey | LSI 548 |
| Other experience and qualifications relevant to the proposed Project: | | | | |
| <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>HOOPER ROAD PUMP STATIONS, CITY OF BATON ROUGE/PARISH OF EAST BATON ROUGE – 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>ASHLAND LANDFILL ROAD EXTENSION – 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>HOLLYWOOD ROAD BRIDGE AT HWY 182 – 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>WOODPARK CANAL, ROJAS CANAL, TIMBER CANAL, SUZIE BAYOU AND DEER RANGE CANAL DREDGING, PLAQUEMINES PARISH GOVERNMENT – 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>CLOVELLY HYDROLOGIC RESTORATION PROJECT, CPRA – 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

| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT: | | | | |
|--|------|---------------|----------------|----------|
| Name & Title: | | | | |
| Grace Foussell, PE | | | | |
| Project Assignment: | | | | |
| Civil Engineer | | | | |
| Name of Firm with which associated: | | | | |
| GIS Engineering, LLC | | | | |
| Years' experience with this Firm: | | | | |
| With this firm: <u>3</u> With other firms: <u>5</u> | | | | |
| Education: Degree(s) / Year / Specialization: | | | | |
| Bachelor of Science / 2014 / Civil Engineering | | | | |
| Active registration: Year first registered / discipline: | | | | |
| Year first registered: | 2021 | Branch: Civil | LA License No. | PE 45893 |
| Other experience and qualifications relevant to the proposed Project: | | | | |
| <p>Mrs. Foussell has over seven years of experience in civil/structural engineering and design. She is primarily responsible for providing advanced technical support in the design of assigned engineering projects, project plans, specifications and estimates. She has provided support by calculating, analyzing, organizing, and coordinating to complete the engineering design effort.</p> <p>DUNN ST. 12" TRANSMISSION LINE – Houma, LA (2023-Present) Mrs. Foussell prepared the project layout, design report, cost estimate, and plans and specifications in accordance with LDH and Terrebonne Parish Consolidated Waterworks District No. 1 (TPCW) requirements. She also provided construction administration and was the project manager for this project. The main objective of this project was to provide a direct supply of water to Terrebonne General Medical Center (TGMC), if required, to avoid shut downs as experienced during Hurricane Ida due to inadequate water supply. This project also included three additional tie-ins, located at existing water transmission lines crossing the Gulf Intracoastal Waterway (GIWW), to provide water to East Houma. Automatic pressure-controlled valves were provided at all tie-in locations to shut-off water supplied to East Houma in the event TGMC experiences a pressure drop, at which all water will be directed to TGMC.</p> <p>BAYOU LACARPE PUMP STATION – Houma, LA (2021-Present) Mrs. Foussell prepared structural design calculations, reports, specifications and a cost estimate for the proposed Bayou LaCarpe Pump Station. This project features a subsurface drainage system that will divert water from Bayou LaCarpe to a 200 cfs pump station that will discharge into Little Bayou Black. The proposed pump station will alleviate flooding that occurs along Bayou LaCarpe, which currently acts as a drainage canal, during heavy rain events.</p> <p>BAYOU TERREBONNE LOCK & PUMP STATION COMPLEX – Montegut, LA (2020-Present) Mrs. Foussell is the lead structural engineer on this project on the 600 cfs pump station located at the Bayou Terrebonne Lock in Montegut, LA. The proposed pump station will allow Terrebonne Parish to control the water levels in Bayou Terrebonne when the flood gate is closed. The flood gate functions as a closure structure for the Morganza to the Gulf Levee Alignment and is closed during intensified storm events.</p> <p>MINORS CANAL MITER FLOODGATE, FLOODWALL, & LEVEE TIE-INS – Bayou Black, LA (2020-2023) Mrs. Foussell prepared structural design calculations, reports and a cost estimate for the proposed Minors Canal Miter Gate. This project is part of the Morganza to the Gulf Levee System. The proposed flood gate, a 56' wide miter gate and concrete monolith with braced floodwalls, fenders, generator building, control house, and required levee tie-ins as well as access road, will provide flood risk management and hurricane and storm damage risk reduction to residents and prevent salt water contamination of a Terrebonne Parish reservoir.</p> <p>HOUMA NAVIGATION CANAL LOCK PROJECT – Dulac, LA (2020-Present) Mrs. Foussell was responsible for providing structural design calculations, analyses and reports for the Maintenance/Dewatering Bulkheads, Guide Walls, Nose Piers, Impact Barriers, Control Building, Access Bridge and HPU Building for this project. The HNC Lock Complex will incorporate a lock system into an existing flood control structure.</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>18" WATER LINE – LEEVILLE BOOSTER STATION NO. 1 TO GOLDEN MEADOW FLOODGATE</p> <p><u>OWNER:</u> Lafourche Parish Water District No. 1 Wayne Gautreaux 985-532-6924 wayneg@lpwdla.com</p> | <p>Project Summary: 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: center; margin-top: 20px;">  </div> | |
| Completion Date (Actual or Estimated) | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| 2012 | \$205,098 | \$205,098 |

| PROJECT NO. 2 | | |
|--|---|--|
| Project Location and Owner's information: | Name, and contact | Nature of Firm's Responsibility: |
| <p>WATER LINE REPLACEMENT WEST 159TH STREET, ET AL</p> <p>OWNER: Lafourche Parish Water District No. 1 Wayne Gautreaux wayneg@lpwdla.com 985-532-6924</p> | <p>Project Summary: 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</p> <p>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.</p> | <div style="text-align: center;">  </div> <div style="text-align: center; margin-top: 10px;">  </div> |
| Completion Date (Actual or Estimated) | Estimated Cost: | |
| 2020 | Entire Project: | Work for which Firm was Responsible: |
| | \$38,558 | \$38,558 |

TEC Professional Services Questionnaire

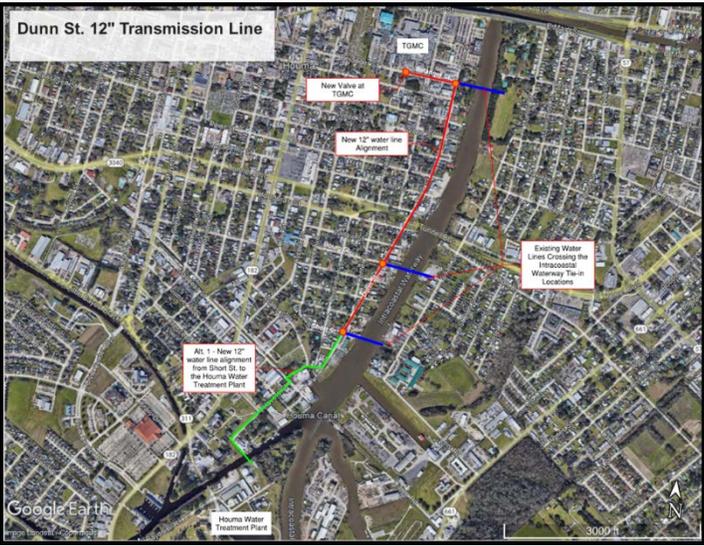
| PROJECT NO. 3 | | |
|--|--|--|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| <p>WATER LINE REPLACEMENT – CLIFF'S LANE, ET AL</p> <p><u>OWNER:</u> Lafourche Parish Water District No. 1 Wayne Gautreaux wayneg@lpwdla.com 985-532-6924</p> | <p>Project Summary: 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> | |
| Completion Date (Actual or Estimated) | Estimated Cost: | |
| | Entire Project | Work for Which Firm was Responsible |
| 2021 | \$36,610 | \$36,610 |

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| PROJECT NO. 4 | | |
|--|---|--|
| <p>Project Name, Location and Owner's contact information:</p> <p>GRAND ISLE STATE PARK MAIN WATER LINE REPLACEMENT</p> <p><u>OWNER</u> State of Louisiana Facility & Planning Control David VanAlstine 504-568-2414 David.vanalstine@la.gov</p> | <p style="text-align: center;">Nature of Firm's Responsibility:</p> <p>Project Summary: 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</p> <p>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.</p> | |
| <p>Completion Date (Actual or Estimated)</p> | <p>Estimated Cost:</p> | |
| | <p>Entire Project:</p> | <p>Work for which Firm was Responsible:</p> |
| <p>2017</p> | <p>\$46,103</p> | <p>\$46,103</p> |

TEC Professional Services Questionnaire

| PROJECT NO. 5 | | |
|---|---|---|
| <p>Project Name, Location and Owner's contact information:</p> <p>WATER LINE RELOCATION AT HIGHWAY 1 IN GOLDEN MEADOW</p> <p><u>OWNER:</u> Lafourche Parish Water District No. 1 Wayne Gautreaux wayneg@lpwdla.com 985-532-6924</p> | <p style="text-align: center;">Nature of Firm's Responsibility:</p> <p>Project Summary: 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> | |
| |  | |
| Completion Date (Actual or Estimated) | Estimated Cost: | |
| 2022 | Entire Project: | Work for which Firm was Responsible: |
| | \$2.2 Million | \$135,000 |

| PROJECT NO. 6 | | |
|---|---|--|
| <p>Project Name, Location and Owner's contact information:</p> <p>NEW 12" TRANSMISSION LINE ALONG DUNN STREET</p> <p>OWNER: Terrebonne Parish Consolidated Waterworks District No. 1 Jacob Prosperie jacob.prosperie@tpcw.org 985-655-6360</p> | <p>Nature of Firm's Responsibility:</p> <p>Project Summary: 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.</p> <p>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.</p> | |
| |  | |
| Completion Date (Actual or Estimated) | Estimated Cost: | |
| 2023 | Entire Project: \$7 Million | Work for which Firm was Responsible: \$898,280 |

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| PROJECT NO. 7 | | |
|---|---|--|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| <p>18" WATERLINE – GALLIANO TO CUTOFF</p> <p><u>OWNER:</u> Lafourche Parish Water District No.1 Wayne Gautreaux wayneg@lpwdla.com 985-532-6924</p> | <p>Project Summary: 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.</p> <p>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.</p> | |
| |  | |
| Completion Date (Actual or Estimated) | Estimated Cost: | |
| 2023 | Entire Project: \$8.1 Million | Work for which Firm was Responsible: \$208,500 |

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, LLC, a wholly owned subsidiary of Grand Isle Shipyard, Inc., is comprised of two main divisions, Coastal Design & Infrastructure Division and the Industrial Division, with branch offices in New Orleans, Houma, Galliano, Baton Rouge, New Roads, Napoleonville, and Lafayette. 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, 19 Engineer Interns, 14 design technicians, 11 construction inspectors, and all of the support staff required.

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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.

CRITERION NO. 4: PAST PERFORMANCE ON PARISH CONTRACTS

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

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

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:

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

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.**

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
- Marion F. Edwards, Councilman, District 1, Jefferson Parish: marionedwards@jeffparish.net
- Archie Chaisson, President, Lafourche Parish: chaissonap@lafourchegov.org
- Chett Chiasson, Executive Director, Port Fourchon: chettc@portfourchon.com

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

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

Archie Chaisson, III - Lafourche Parish President

MINIMUM REQUIRED QUALIFICATIONS

1. 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.
2. 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.
3. 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!!

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

Signature:  _____ Print Name: Ben Malbrough, PE

Title: Vice President Date: 06/21/2022