TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 22-011 Routine Engineering Services for Drainage Projects - Resolution No. 138811

B. Firm Name & Address:

La Terre Engineering, LLC
343 Third Street, Suite 511B
Baton Rouge, LA 70801

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:

Seneca Toussant, PE, Principal
343 Third Street, Suite 511B
Baton Rouge, LA 70801
(225) 960-1160
stoussant@laterre-eng.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.

Seneca Toussant, PE, Principal
343 Third Street, Suite 511B
Baton Rouge, LA 70801
(225) 960-1160
stoussant@laterre-eng.com

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

1	Administrative		Estimators		Specification Writers
	Architects (Licensed)		Geologists		Structural Engineers
	Chemical Engineers		Geotechnical Engineers	1	Graduate Engineers
1	Civil Engineers		Interior Designers		Project Managers
	Construction Inspectors		Landscape Architects	1	Clerical
	Ecologists		Land Surveyor		Grant/Funding Specialist
	Electrical Engineers		Mechanical Engineers		Sanitary Engineers
1	Engineer Intern		Environmental Engineers		
	Professional Land Surveyors			5	**TOTAL**

F. Is this submittal by a JOINT-VENTURE? Please check: YES_____NO__✔__

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

TEC Professional Services Questionnaire

G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.

1.
N/A

2.

H. Has this JOINT-VENTURE previously worked together? Please check: N/A
YES___NO____

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

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

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

5

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: Seneca Toussant, PE - Principal

Project Assignment: Project Manager/Project Engineer

Name of Firm with which associated: La Terre Engineering, LLC

Years' experience with this Firm: 2

Education: Degree(s)/Year/Specialization: BS, Biological Engineering Louisiana State University - 1999

Active registration: Year first registered/discipline: 2011 - Professional Engineer, LA, Civil Engineering, No. 36080

Other experience and qualifications relevant to the proposed Project:

Mr. Toussant is an accomplished Civil Engineer with over 20 years of consulting experience for an extensive and varied range of projects. His experience includes water system master planning; design of pump stations for water, wastewater and stormwater applications including all hydraulics, wet well design, selection of pumps and design of the piping systems; design of water clarification processes; water storage tanks; hydro pneumatic tanks; force mains; waste water treatment processes for biological and chemical wastes and sewer gravity systems; and preparation of water and sewer infrastructure studies for client internal review as well as project permitting. Mr. Toussant has been involved in projects from the initial planning stages, through design, to project coordination and construction inspection through final acceptance. He is registered as a professional civil engineer in four states and his relevant project experience includes:

MOVEBR Capacity Program Management| Baton Rouge, LA

Mr. Toussant serves as project manager for specialty contracts for the MoveBR Capacity program management team. He is responsible for the specialty contracts program which include environmental services, geotechnical services, surveying, lighting design and landscaping services. His responsibilities include preparing project scopes, soliciting proposals, contract negotiations, submittal coordination and submittal reviews.

FEMA Disaster Recovery Program City of Lake Charles | Lake Charles, LA

Mr. Toussant is part of the program management team for the City of Lake Charles FEMA Disaster Recovery Program. Mr. Toussant serves as a project manager providing Quality Assurance and Peer review for projects as part of the City's Disaster Recovery Program.

Louisiana Watershed Initiative LA 22 Gapping Project | Ascension, LA

Mr. Toussant is the project manager for the grant administration team and his responsibilities include construction administration assistance, site inspections, review of contractor invoices and construction monitoring for the LA 22 gapping project.

Iberville Parish Louisiana Watershed Initiative Coordination| Plaquemine, LA

Mr. Toussant was the project manager responsible for assisting Iberville Parish with coordination for the Louisiana Watershed Initiative program and the three regions that contain Iberville Parish. He tracked, coordinated and attended meetings with Regions 5, 6 and 7 on the Parish's behalf and provided updates to the Parish as the program evolved. He also prepared pre-applications on the Parish's behalf.

Petit Caillou Drainage and Resiliency Project | Terrebonne Parish, LA

Mr. Toussant was the project manager responsible for the preparation of the Hydrologic and Hydraulic Study for the Petite Caillou Drainage Basin in Terrebonne Parish. He was the lead design engineer for the final design of the 450 CFS pump station including the conveyance channel and all civil site related improvements.

TEC Professional Services Questionnaire

Chacahoula-Gibson Drainage Resiliency Project | Terrebonne Parish, LA

Mr. Toussant was the project manager and lead design engineer for the preparation of the Chacahoula Pump Station in Terrebonne Parish. He was responsible for all civil and site design for the 1000 CFS pump station including the conveyance channel and all civil site related improvements

Elliot Jones Canal Drainage Conveyance & Pump Station | Terrebonne Parish, LA

Mr. Toussant was the lead design engineer for the Eliot Jones Pump Station project which consisted of the design of a 1,000 cfs drainage pump station to reduce flooding due to excessive rainfall. Mr. Toussant was responsible for all H&H, pump station design and civil design, including site design of the pump station and the hydraulic calculations of the conveyance channel.

Iberville Parish Channel and Drain Restoration, Price Street Plaquemine, LA

Mr. Toussant prepared a drainage impact analysis, drainage calculations and delineated drainage areas to properly size required conveyance channel improvements for the project in accordance with the LADOTD Hydraulics Manual. He prepared design calculations and construction documents, including specifications and plans for construction for the stabilization of the existing channel.

Iberville Parish Channel and Drain Restoration, Shady Lane and Francise Street | White Castle, LA

Mr. Toussant prepared the drainage impact analysis, drainage calculations and delineated drainage areas to properly size storm drain pipe as required for the project in accordance with the LADOTD Hydraulics Manual. He prepared construction documents, including specifications and plans for bank stabilization along Shady Lane and Francise Street Project.

Church Street Culvert Replacement | Maringouin, LA

Mr. Toussant was the project manager and lead engineer for the project which consisted of the sizing and replacement of existing undersized 60" CMP cross drains with 2-72" RCPA cross drains. He prepared hydrologic and hydraulic calculations in conformance with the LADOTD Hydraulics manual for sizing the culverts and prepared all construction documents for the project. In addition, Mr. Toussant was responsible for construction administration of the project through final acceptance by the Parish.

Upper Delta Soil Conservation District Watershed Plan | Pointe Coupee Parish, LA

Mr. Toussant was the project manager preparing a hydrologic and hydraulic analysis as part of the Watershed Plan and EA for the Upper Terrebonne Basin Watershed using HEC HMS for storm water runoff calculations and HEC RAS for required channel improvements. The total flood protection project area encompasses seven HUC 12 watersheds totaling approximately 225,072 acres.

FEMA Phase 1 Bayou Stump Watershed Phase 1 | West Baton Rouge Parish, LA

Mr. Toussant was the project manager preparing a hydrologic and hydraulic analysis for the Bayou Stumpy Watershed using HEC HMS for storm water runoff calculations and HEC RAS for required channel improvements for the approximately 13 mile long channel that drains a significant portion of northwestern West Baton Rouge Parish

West Baton Rouge Emergency Bayou Evaluation | West Baton Rouge Parish, LA

Mr. Toussant was the project manager for the project, which includes performing emergency mapping, consisting of high-resolution aerial imagery mapping, high-resolution video inspection, and select topographic survey along Little Stumpy Bayou, Stumpy Bayou, and named drainage laterals located in the northern portion of West Baton Rouge Parish. The information obtained will be utilized to identify any obstructions or drainage restrictions and recommendations for improvements to alleviate existing and potential flooding.

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: Lyle Tynes, EI

Project Assignment: Civil Engineer

Name of Firm with which associated: La Terre Engineering, LLC

Years' experience with this Firm: 1

Education: Degree(s)/Year/Specialization: BS, Civil Engineering Louisiana State University - 2020

Active registration: Year first registered/discipline: Engineer Intern/2022

Other experience and qualifications relevant to the proposed Project:

Mr. Tynes is a recent graduate of Louisiana State University in Civil Engineering. Mr. Tynes is proficient in using AutoCAD Civil 3D program. He has assisted the Professional Engineering Staff in all aspects of the design process including: compiling specification packages for a wide range of projects, preparing site plans, grading plans, utility plans and other construction documents, and coordinating with clients among other activities. At LTE, Mr. Tynes routinely performs hydrology calculations, creates stormwater-related reports like H&H studies and Stormwater Pollution Prevention Plans (SWPPP), as well as coordinating with local and state governing bodies to receive required permits.

Louisiana Watershed Initiative LA 22 Gapping Project | Ascension, LA

Mr. Tynes is part of the grant administration team for the project and his responsibilities include construction administration assistance, site inspections, review of contractor invoices and construction monitoring for the LA 22 gapping project.

Steep Bayou Watershed Flood Prevention Plan | Rayville, LA

Mr. Tynes is responsible for the hydrologic and hydraulic modeling of Steep Bayou using HEC-RAS for the NRCS Watershed flood prevention plan. He is leading alternative analysis efforts and responsible for preparing probable opinions of construction cost and benefit cost analysis for each alternative.

Louisiana Watershed Initiative White Castle Canal Drainage Improvements | White Castle, LA

Mr. Tynes is responsible for the preparation of preliminary and final construction documents for channel improvements for the White Castle Canal.

Louisiana Watershed Initiative Town of Maringouin Improvements | Maringouin, LA

Mr. Tynes is responsible for the preparation of preliminary and final construction documents for drainage improvements for the Town of Maringouin Drainage Improvements project. His responsibilities include preparation of cost estimates, bidding and construction documents.

Slidell Breakwater Restoration Feasibility Study | Slidell, LA

Mr. Tynes is responsible for processing topographic survey data using Autocad Civil 3D to create mapping and surface files as part of the feasibility study for the restoration of existing breakwaters near the City of Slidell.

Ward Creek at Siegen Lane Channel Improvements | Baton Rouge, LA

Mr. Tynes is assisting in the preparation of construction documents for channel improvements for Ward Creek in Baton Rouge, Louisiana. His responsibilities also include preparation of permits and permit figures.

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	
Pontchartrain Levee District **LA 22 Gapping Project, Louisiana - Grant Management Services | Ascension Parish, LA** Point of Contact: Monica Salins Gorman, Executive Director 225-869-9721 mgorman@leveedistrict.org	**Prime**	
Completion Date (Actual or estimated)	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2025(E)	**$42 Mil**	**150K**

Project description

La Terre Engineering, LLC (Prime) is providing grant management services to the Pontchartrain Levee District (PLD) for the Louisiana Watershed Initiative LA 22 Gapping project in Ascension Parish.

LA Hwy 22 functions as a barrier impeding natural hydrology in the Amite River floodplain. The highway prevents the natural flow of water into the adjacent McElroy Swamp, increases surface elevation in the river and exacerbates area flood risk. The LA Hwy 22 Bridge Construction and Drainage Improvements project includes the construction of two bridge structures and the excavation of two drainage basins for the purpose of improving local hydrology, reducing area flood risk and restoring the McElroy Swamp.

LTE's scope of work includes the following:

- Establishing project files at PLD's office to demonstrate compliance with all applicable state, local, and federal regulations. The project files will be monitored throughout the program to ensure that they are complete, and that all necessary documentation is being retained in PLD's files.
- Ensuring that the PLD has an acceptable financial management system as it pertains to finances of the **CDBG-MIT** funds program. Financial management system includes, but is not limited to, cash receipts and disbursements journal and accompanying ledgers that conform to generally accepted principles of municipal accounting.
- Prepare the Requests for Payment to ensure consistency with the procedures established for the **CDBG-MIT** funds Program.
- Assist PLD in meeting the Office of Community Development's financial reporting requirements.

RELEVANCE TO PROJECT SCOPE

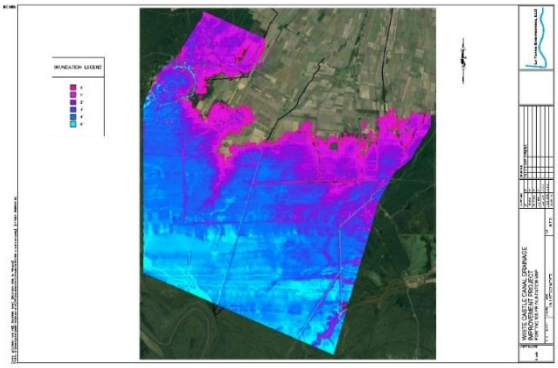
- **Grant Administration**
- **Quality Assurance**
- **Construction Administration**

TEC Professional Services Questionnaire

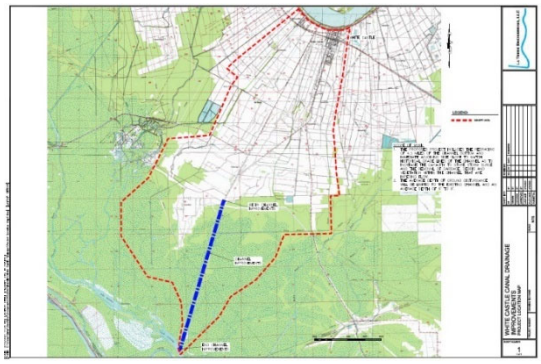
PROJECT NO. 2		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility**	
Louisiana Watershed Initiative White Castle Drainage Improvements | White Castle, LA Point of Contact: J. Mitchel Ourso, Parish President Office: 225-687-5190	**Prime Consultant**	
Completion Date (Actual or estimated)	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2023(E)	**$2.4 Mil.**	**180K**

Project description:

La Terre Engineering, LLC (LTE) provided engineering and grant preparation services to Iberville Parish for the White Castle Drainage Improvements project. The White Castle Canal serves as major drainage lateral for the rural portion of Iberville Parish and the Town of White Castle. The 4.5 mile canal conveys storm runoff from local residences, farms and businesses to Lake Natchez.



This proposed project will consist of the removal of accumulated sediment for approximately 4.5 miles of the channel bottom and immediate adjoining side slope to match historical grade lines. The project will include the removal of siltation above historical channel bottom grade lines and settled eroded materials on the bottom of the channel and the disposal of all excavated soils.



LTE's services included the following:

- Description of Mitigation Need
  - Summary of Project Benefits, Map of Benefitting Area, **Benefit Cost Analysis**, Level of Risk Reduction Narrative, HUD LMI Summary Data
- Environmental Review & Permitting
  - Summary of Existing and Required Permits and Environmental Impacts Narrative
- Project Schedule & Budget
  - Project Milestone Schedule, Project Delivery & **Construction Cost Estimate/Budget**
- **Hydrology and Hydraulic Study**
- **Preliminary and Final Plans**

RELEVANCE TO PROJECT SCOPE

- **Drainage Design**
- **Hydrology and Hydraulics**
- **Benefit Cost Analysis**
- **Permitting and Design**
- **Preliminary and Final Design**

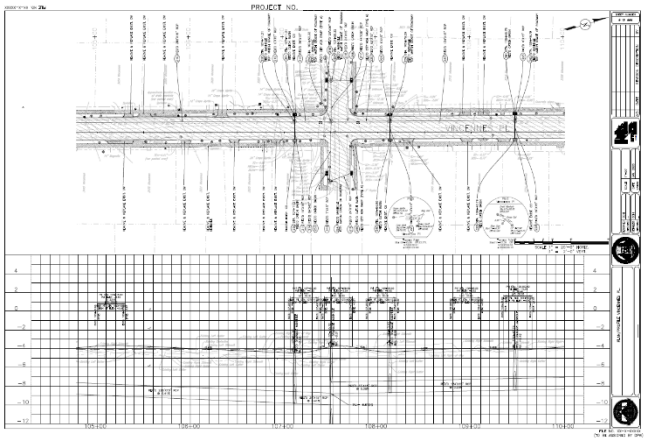
TEC Professional Services Questionnaire

PROJECT NO. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
City of New Orleans: RR119 Marlyville-Fontainebleau Group F (FRC) (New Orleans, LA) Point of Contact: Drew Walsh, PE Office: 225-766-5358 dwalsh@gotech-inc.com	**Subcontractor**	
Completion Date (Actual or estimated)	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2020	**$2.8 Mil.**	**8K**

Project description:

La Terre Engineering, LLC (LTE) and specifically, Mr. Seneca Toussant, P.E prepared preliminary plans for Marlyville-Fontainebleau Group F project as part of the FEMA Recovery Program as a subconsultant to GOTECH, Inc. LTE developed typical sections, prepared plan and profile sheets and cross section sheets for the reconstruction of Vincennes Place which included replacement of damaged underground water, sewer and drainage lines, repaving the roadway, replacement of damaged sidewalks and driveway aprons, and installing ADA compliant curb ramps at intersections. Rehabilitation included resizing and **replacement of existing storm drain pipes** and demolition and replacement of existing drain inlets. Storm drain pipe **sizes and inlet spacing** were sized and placed in accordance with the DOTD Hydraulics Manual and using the **DOTD Hydraulics Program**.



LTE prepared preliminary plans in accordance with the City of New Orleans Design Guidelines, **LADOTD Hydraulics Manual**, 2017 LADOTD Minimum Design Guidelines and 2016 DOTD Standard Specifications for Roads and Bridges.

RELEVANCE TO PROJECT SCOPE

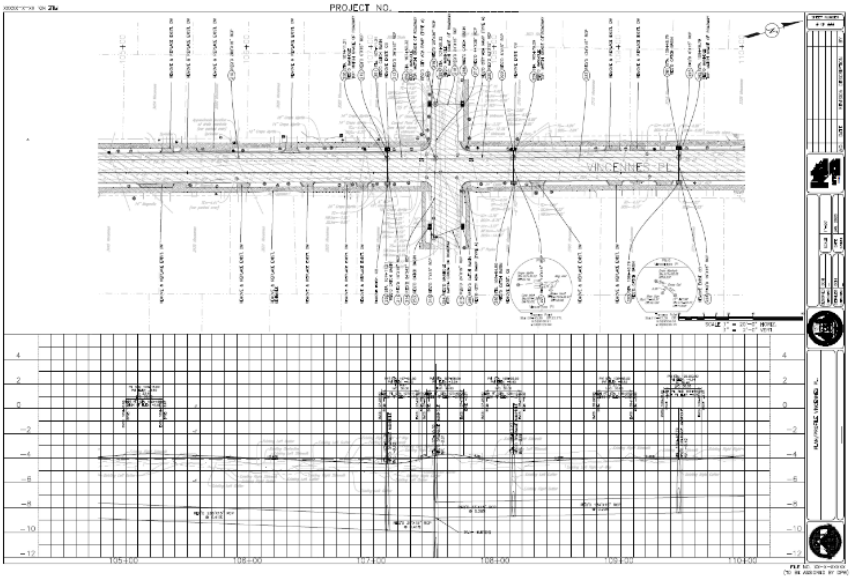
- **Preliminary Plans**
- **Storm Sewer Design**

TEC Professional Services Questionnaire

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility**	
City of New Orleans: RR119 Marlyville-Fontainebleau Group F (FRC) (New Orleans, LA) Point of Contact: Drew Walsh, PE Office: 225-766-5358, dwalsh@gotech-inc.com	**Subcontractor**	
Completion Date (Actual or estimated)	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2020	**$2.8 Mil**	**7K**

Project description:

As part of the Capital Improvements Program to restore damaged infrastructure in New Orleans, La Terre Engineering LLC, (LTE) assisted GOTECH, Inc in the preparation of preliminary plans for Vincennes Place for the Marlyville-Fontainebleau Group F project as part of the FEMA Recovery Program. LTE developed typical sections, prepared plan and profile sheets and cross section sheets for the reconstruction of Vincennes Place which included replacement of damaged underground water, sewer and drainage lines, repaving the roadway, replacement of damaged sidewalks and driveway aprons, and installing ADA compliant curb ramps at intersections.



LTE prepared preliminary plans in accordance with the City of New Orleans Design Guidelines, LADOTD Hydraulics Manual, 2017 LADOTD Minimum Design Guidelines and 2016 DOTD Standard Specifications for Roads and Bridges.

RELEVANCE TO PROJECT SCOPE

- **Preliminary Plans**
- **Storm Sewer Design**

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Ward Creek at Siegen Lane Channel Improvements **City of Baton Rouge** Point of Contact: Kimberly Koehl, PE Office: 225-644-55232 kkoehl@mckimcreed.com	**Subcontractor**	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2022 (E)	**$1.1 Mil.**	**20K**

Project description:

La Terre Engineering, LLC (LTE) is part of the team selected by East Baton Rouge Parish for the Ward Creek at Siegen Lane Channel Improvements Project. The project consists of the widening of Ward Creek to a bottom width of 100' and will include channel stabilization, outfall protection and utility modifications and coordination.

The Scope of Services for the project includes topographic survey, ROW mapping, Subsurface Utility Engineering, **Hydraulic and Hydrologic (H&H**) Study and Analysis, Benefit Cost Analysis, permitting and preparation of construction documents.

LTE will assist in preparing the **H&H study** to determine the required channel typical section, preparation of construction documents and temporary traffic controls and coordination with DOTD.

RELEVANCE TO PROJECT SCOPE

- **Preliminary and Final Plans**
- **Hydrology and Hydraulic Study**
- **Open Channel Design**
- **Cost Analysis**

TEC Professional Services Questionnaire

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility**	
Steep Bayou Watershed Flood Prevention Plan | Rayville, LA Point of Contact: Jens A. Rummler rummler@coxmclain.com Office: 225.354.6275	**Subcontractor**	
Completion Date (Actual or estimated)	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2023 (E)	**$3.2 Mil.**	**45K**

Project description:

La Terre Engineering, LLC (LTE) is providing engineering and planning services as part of the Environmental Assessment and Watershed Plan development for the Boeuf River Soil and Water Conservation District for the Steep Bayou Watershed Project as part of the NRCS Small Watershed Program. The project consists of evaluating alternatives to increase drainage capacity to Steep Bayou and will include dredging, snagging and streambed rehabilitation to improve drainage into Bouef River for the watershed containing 36,400 acres. LTE tasks include developing hydrologic and hydraulic modeling, development of alternatives, alternative cost estimates and preparation of benefit cost analysis.

RELEVANCE TO PROJECT SCOPE

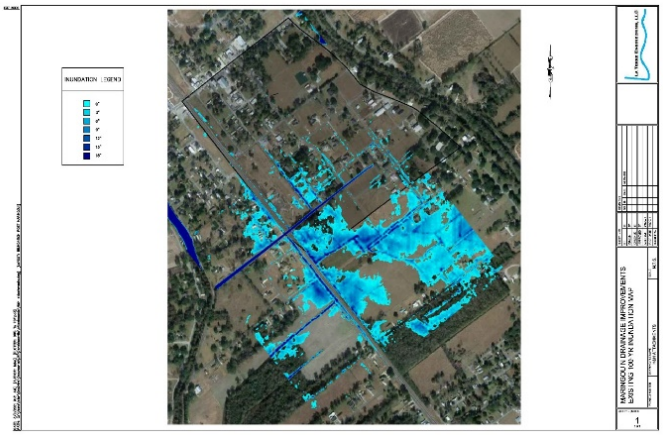
- **Drainage Design**
- **Hydrology and Hydraulics**
- **Benefit Cost Analysis**
- **Permitting and Design**
- **Preliminary and Final Design**

TEC Professional Services Questionnaire

PROJECT NO. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Louisiana Watershed Initiative Town of Maringouin Drainage Improvements |Maringouin, LA Point of Contact: Mayor Maurice Harris tom@spillwaycable.com Office: 225-6425-2630	**Prime Consultant**	
Completion Date (Actual or estimated)	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2023 (E)	**$620 K**	**80 K**

The Town Maringouin has experiences frequent flooding within the town limits over recent years. This frequent flooding is largely due to poor undersized drainage ditches and undersized culverts within the town limits. The consistent flooding causes damage to local residences, businesses, and roadways.



The proposed Town of Maringouin Drainage Improvements project will include improvements and replacement of the existing drainage systems components, including open channels, **drainage structures and culverts.** Existing pipes and structures that are inadequate for proper stormwater conveyance will be removed and replaced with those that are adequately sized to handle storm surge. Existing ditches and other open conveyance channels will be resized, sediment accumulation removed, regraded and, in some cases hardened, to convey required storm event runoff within the town limits.

LTE's services included the following:

- Description of Mitigation Need
  - Summary of Project Benefits, Map of Benefitting Area, **Benefit Cost Analysis**, Level of Risk Reduction Narrative, HUD LMI Summary Data
- Environmental Review & Permitting
  - Summary of Existing and Required Permits and Environmental Impacts Narrative
- Project Schedule & Budget
  - Project Milestone Schedule, Project Delivery & **Construction Cost Estimate/Budget**
- **Hydrology and Hydraulic Study**
- **Preliminary and Final Plans**
- **Construction Administration**

RELEVANCE TO PROJECT SCOPE

- **Preliminary and Final Plans**
- **Hydrology and Hydraulic Study**
- **Subsurface Drainage Design**
- **Open Channel Design**

TEC Professional Services Questionnaire

PROJECT NO. 8

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Livingston Parish Government Early Warning Systems and Rain Gauges Project | Livingston Parish, LA Point of Contact: Ms. Heather Crain hcrain@lpgov.com	**Prime Consultant**	
Completion Date (Actual or estimated)	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2022 (E)	**$520 K**	**41 K**

Project description:

La Terre Engineering, LLC (LTE) is providing **engineering services** to provide schematic designs for the purpose of the installation of 24 water gauges and 46 weather stations to evaluate suitability, document safety and environmental concerns and determine site preparation and equipment required for installation.

The detailed scope of work includes:

- **Project Administration and Management**
- **Data Collection & Site Investigations**
- **Schematic Design and Design Development**
- **Preliminary Cost Estimate**
- **Preparation of Construction Documents**
- **Final Cost Estimate**
- **Phase 2 Benefit Cost Analysis**
- **Bidding and Contracting Administration**
- **Construction Administration**
- **Construction Closeout**

The work will be completed in accordance with the latest **FEMA & GOSHEP Hazard Mitigation Grant Program (DR-4277)** requirements and standards.

When complete, this early warning systems project will provide Livingston Parish with critical life-saving tools and technology to collect data and make flood predictions in advance of storms, such as the ability to

- Monitor and forecast rain and flooding events
- Analyze risks involved
- Disseminate of timely and authoritative warnings
- Activate emergency preparedness and response plans

RELEVANCE TO PROJECT SCOPE

- **Preliminary and Final Plans**
- **Drainage Design**

TEC Professional Services Questionnaire

PROJECT NO. 9

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
St. Mary Parish Government Boudreaux to Gilmore Drainage Improvements Project - Pump Station Commissioning | Berwick, LA Point of Contact: Henry 'Bo' LaGrange Office: 337-828-4100 Ext. 500	**Subcontractor**	
Completion Date (Actual or estimated)	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
05/2021 (A)	**$1.5 Mil.**	**9.4 K**

Project description:

La Terre Engineering, LLC (LTE) provided commissioning services for the HMGP-CDBGG Boudreaux to Gilmore Drainage Improvements' Pump Station project to Saint Mary Parish Government. LTE's scope of services included project start up and administration, review of contractor submittals, testing of controls, and preparation of a report of findings which included a punch list and required actions for the acceptance and project closeout by the Parish.

The pump station features three 36" axial impeller pumps powered by natural gas engines.

Boudreaux to Gilmore Drainage Improvements
Pump Station Commissioning
HMGP #1786-101-003, FEMA Project 0080
Berwick, Louisiana
April 5, 2021

Prepared By:
La Terre Engineering, LLC
LA TERRE ENGINEERING, LLC
Burk-Kleinpeter, Inc.
BK BURK-KLEINPETER, INC.

RELEVANCE TO PROJECT SCOPE

- **Road Design Services**
- **Preliminary Plans**
- **Storm Sewer**
- **Sanitary Sewer**

TEC Professional Services Questionnaire

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility**	
Terrebonne Parish Consolidated Government Elliot Jones Canal Drainage Conveyance & Pump Station | Terrebonne Parish, LA Point of Contact: Jacob M. Loeske, P.E., L.S.I. jloeske@gisy.com 225-408-0700	**Subcontractor**	
Completion Date (Actual or estimated)	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2021 (a)	**$14 Mil**	**6.5 K**

Project description:

La Terre Engineering, LLC (LTE) provided design support to GIS Engineering, LLC for the Elliot Jones Canal Drainage Conveyance & Pump Station. The Elliot Jones Canal currently flows directly out of Bayou Black, with a bridge crossing over the entrance to the canal, on Highway 182.

The project included a study to evaluate alternatives for providing flood risk reductions in the basin, a hydrologic and hydraulic study of the evaluated alternatives that resulted in the required pump station at the Elliot Jones Canal.

The project included improvements to the existing conveyance channel, a pump station consisting of four (4) 60" pumps, discharge piping and a protective trash screen for a design capacity of 1,000cfs. Mr. Toussant was responsible for the preliminary and final design of the pump station and conveyance channel and access roads and is the Engineer of Record for the project.

RELEVANCE TO PROJECT SCOPE

- Civil Engineering
- Dredging Design
- Mapping & CADD Support
- Hydrology and Hydraulics
- Benefit Cost Analysis
- Permitting and Design
- Preliminary and Final

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 LA TERRE DIFFERENCE

La Terre Engineering, LLC (LTE) is a full service, minority-owned civil engineering firm founded by Seneca Toussant, PE. Mr. Toussant is a Professional Civil Engineer with over twenty years of experience in a broad range of projects including coastal engineering, marsh creation, shoreline protection, levee, port infrastructure design, and stormwater and drainage design.

LTE's professional services deliver excellent solutions to clients in the following markets: Environmental/Water, Transportation, Development Services and Facilities. These services are designed to provide opportunities for growth and success. Although LTE is a relatively new firm, LTE's founder and principal engineer has an extensive history on a wide range of projects throughout the state for various state agencies, municipalities and parish governments.

LTE is certified as a **Louisiana Unified Certification Program Disadvantaged Business Enterprise (DBE)**, **State & Local Disadvantaged Business Enterprise (SLDBE)** and a **Louisiana Hudson Initiative (Small Entrepreneurship) Firm**. LTE can provide experienced professionals and additional staff as LTE grows with the aim to provide timely and well-coordinated work in a professional manner. LTE will provide innovative solutions to the challenges of this project utilizing knowledge of the most current design techniques.

OUR CAPABILITIES

La Terre offers technical expertise in project management, construction management, roadway design, drainage design, water and wastewater design, and land development. Although, La Terre Engineering is relatively new, La Terre's founder and principal engineer has an extensive history on a wide range of projects throughout the state of Louisiana for various state agencies, municipalities and parish governments. La Terre has the experience and relationships to dedicate the necessary personnel to staff projects immediately, which will ultimately lead to completion within the proposed project schedules.

Although LTE is only a year old, LTE has the capability to bring in additional qualified and committed professionals to provide the necessary support to ensure timely and successful completion of all tasks and projects we may receive.

TEC Professional Services Questionnaire

- General Civil Engineering
- Dredging - Material Transport, Processing, and Placement
- Construction Inspection
- Construction Management
- Environmental Compliance
- Hydraulics and Hydrology
- Technical Document & Report Development
- Construction Cost Estimating
- Preparation of Construction Plans & Specifications
- Project Management
- Pump Station Design
- Emergency Response
- Roadway/Highway Design
- Stormwater and Flood Control
- Surface Water Management
- Sustainable Design
- Water Distribution and Treatment
- Wastewater Collection and Treatment

QUALIFICATIONS OF KEY PERSONNEL

Mr. Seneca Toussant, PE is highly regarded professional civil engineer with over twenty years of professional experience and a reputation for assisting his clients achieve success with even their most challenging projects. Mr. Toussant has a multitude of loyal and repeat clients that have been cultivated through his dedication to creative and exceptional service to his clients.

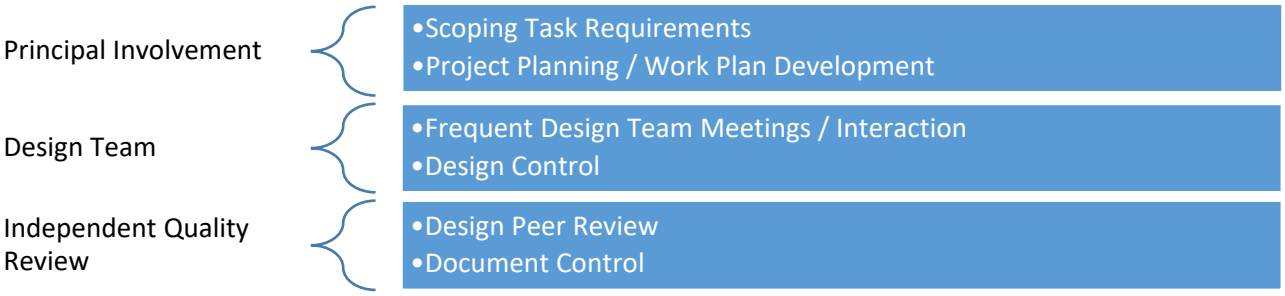
Mr. Toussant has experience on a variety of port projects throughout Louisiana including design and project management experience on coastal projects in south Louisiana. Mr. Toussant has been involved in projects from the initial planning stages, through design, to project coordination and construction inspection through final acceptance. He is currently registered as a professional civil engineer in four states.

Mr. Toussant has performed multiple drainage studies, flood inundation studies and benefit cost analyses that included hydrologic and hydraulic modeling, detention systems, open channel analysis and design, subsurface drainage system and stormwater pump stations for an assortment of public and private projects and grant programs.

LTE APPROACH AND METHODOLOGY

LTE's approach to managing design projects is comprehensive and focused on creating the best workflow to accomplish the work. Our goal is reliable delivery of the scope within the agreed budget and within the specified schedule. We anchor our management plan on active, engaging, and productive communication between LTE, the Parish, project staff, and all project stakeholders.

LTE relies upon a proven methodology for managing task order driven and specific projects. The methodology is part of our policy and procedures. To ensure proper implementation and customer satisfaction, involvement of our firm's principals is a key element. The following bullets highlight our proposed standard process for performing the required services.



TEC Professional Services Questionnaire

QUALITY CONTROL

QC processes work best when they are simple to apply and designed to meet the end goal: an accurate deliverable that fully meets the project objectives. LTE has a quality program that is scalable to meet the needs of a project based on its size, complexity, and the disciplines involved. The process involves development of a Project Execution Plan (PEP), routine peer reviews, and formal quality reviews. The PEP communicates the scope of work (SOW), budget, schedule, applicable standards, and the quality control methods to be rigorously applied throughout the project duration.

At LTE, quality control is built into the schedule, not as an item to occur at the end of the project if there is budget remaining. It follows right behind each work task to catch minor problems before they magnify. Good quality control reduces rework and simplifies budget and schedule control. A quality control check sheet follows every set of plans, calculations, report, or relevant deliverable document to ensure that the required reviews have been successfully performed.

ABILITY AND CAPACITY TO PERFORM SERVICES

LTE has exceeded client expectations on current and previous projects as demonstrated in the examples provided. LTE's founder and principal engineer has a 20 year history of performance with repeat clients which is the foundation upon which LTE was started.

LOCATION OF FIRM

LTE's office is located downtown Baton Rouge and is less than an hour from Jefferson Parish offices and facilities.

CONCLUSION

LTE appreciates the opportunity to submit this proposal. LTE is new to the local engineering community. However, our founder and principal has over 20 years of civil engineering experience in the required areas of expertise and LTE looks forward to growing and establishing a record of performance to become an integral team member of the Jefferson Parish engineering community.

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

Signature: _____ **Print Name:** Seneca Toussant, PE

Title: Principal **Date:** 3/31/22

ATTACHMENT 1

UNITED STATES OF AMERICA

State of Louisiana

R. Kyle Ardoin

SECRETARY OF STATE

As Secretary of State of the State of Louisiana, I do hereby Certify that

a copy of the Articles of Organization and Initial Report of

LA TERRE ENGINEERING LLC

Domiciled at MARINGOUIN, LOUISIANA,

Was filed and recorded in this Office on February 24, 2020,

And all fees having been paid as required by law, the limited liability company is authorized to transact business in this State, subject to the restrictions imposed by law, including the provisions of R.S. Title 12, Chapter 22.

In testimony whereof, I have hereunto set my hand and caused the Seal of my Office to be affixed at the City of Baton Rouge on,

February 24, 2020

STATE OF LOUISIANA · UNION · JUSTICE · CONFIDENCE · SECRETARY OF STATE

Secretary of State

WEB 43792422K

Certificate ID: 11172197#ARK73

To validate this certificate, visit the following web site, go to **Business Services**, **Search for Louisiana Business Filings**, **Validate a Certificate**, then follow the instructions displayed.
www.sos.la.gov

LOUISIANA ECONOMIC DEVELOPMENT

Division of Small and Emerging Business Development

SEBD CERTIFICATION

La Terre Engineering, LLC

is hereby certified as a Small and Emerging Business Enterprise.

This certification is valid beginning 8/13/2020 and supersedes any registration or listing previously issued. At any time there is a change in ownership or control of the firm, notification must be made immediately to the Division of Small and Emerging Business Development.

Issued at Baton Rouge, Louisiana 8/13/2020

This certification expires on: 8/13/2030

Certification No. 19803

Stephanie Hartman,
Director, Entrepreneurial Services

LOUISIANA ECONOMIC DEVELOPMENT

DIVISION OF SMALL BUSINESS SERVICES

This certification acknowledges that

La Terre Engineering, LLC

is Certified-Active as a Small Entrepreneurship with
Louisiana Economic Development's Hudson Initiative.

This certification is valid from 8/5/2021 to 8/5/2022 .

Certification No. 19803

Stephanie Hartman,
Director, Entrepreneurial Services

LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

& under the State of Louisiana United Certification Program (LAUCP)

La Terre Engineering, LLC.

Is a Certified Disadvantaged Business Enterprise (DBE) & Small Business Element (SBE) in the following specialties:

NC541330, NC541340, NC541620

NOTE: There may be other approved NAICS Codes. The online DBE Directory includes a complete list of approved codes.

Certificate Eligibility: September 2021 to September 2022

This certificate is valid through the above date provided. This firm meets the on-going programmatic standard and fulfills the annual update requirement to remain in good standing as a DBE. This certification is subject to annual verification and suspension or revocation based upon reasonable cause to believe that the firm is ineligible.

Rhonda Wallace

Rhonda Wallace, DBE/SBE Program Manager

Louisiana Department of Transportation & Development

STATE & LOCAL DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

1340 Poydras Street, Suite 1800 | New Orleans, LA 70112

September 27, 2021

VIA EMAIL

Seneca Toussant
La Terre Engineering
343 Third Street
Baton Rouge, LA 70801
laterre-eng@outlook.com

RE: SLDBE Re-certification Approval

Dear Seneca Toussant:

We are pleased to inform you that **La Terre Engineering** has been approved for re-certification as a State & Local Disadvantaged Business Enterprise (SLDBE). This approval represents certification with: City of New Orleans, Sewerage & Water Board of New Orleans, Louis Armstrong New Orleans International Airport and Harrah's New Orleans Casino & Hotel.

Your firm's contact information will be active on the online SLDBE Directory (http://www.nola.gov/economic-development/supplier-diversity/directory/). It will reflect your areas of certification. Your specialties will be listed as:

CERTIFICATION DESCRIPTION: CIVIL ENGINEERING; STORMWATER DESIGN WATE; WASTEWATER DESIGN AND SITE DEVELOPMENT

NAICS 54: PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES
NAICS 541330: CIVIL ENGINEERING SERVICES

A re-certification notice will be emailed to you prior to the date of expiration. **However, should you not receive notification from this office for your re-certification, it is your responsibility to contact us.** Submittal of this information is necessary to ensure that there is no interruption in your certified status during your certification period. If a re-certification application is not received, we will proceed with decertification procedures.

We invite you to view City of New Orleans, Sewerage & Water Board of New Orleans, Louis Armstrong New Orleans International Airport and Harrah's New Orleans Casino & Hotel websites for SLDBE opportunities.

If we can be of further assistance, you may contact us at 504-658-4275 or via e-mail at saoliva@nola.gov.

Sincerely,

Sonia Oliva

Sonia Oliva
Certification Coordinator
Office of Supplier Diversity | City of New Orleans
1340 Poydras Street | Suite 1800 | New Orleans, LA 70112

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name:	Public Address:
La Terre Engineering, LLC	Mr. Seneca Toussant 343 Third Street, Suite 511B Baton Rouge,LA 70801

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0006800	ACTIVE	03/19/2020	09/30/2022	Mr. Seneca Darnell Toussant # PE.0036080 - Active

LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 12/11/2021 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Seneca Darnell Toussant
343 Third Street, Suite 511B
Baton Rouge, Louisiana 70801

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LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Seneca Darnell Toussant

License/Certificate Type - Number: PE.0036080

Expiration Date: 09/30/2023

Status: Active

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Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.

Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

Disclaimer
All information provided by LAPELS on this web page, and on its other web pages and internet sites, is made available to provide immediate access for the convenience of interested persons. While LAPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LAPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LAPELS, nor any of the sources of the information, shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information. Other specific cautionary notices may be included on other web pages maintained by LAPELS.