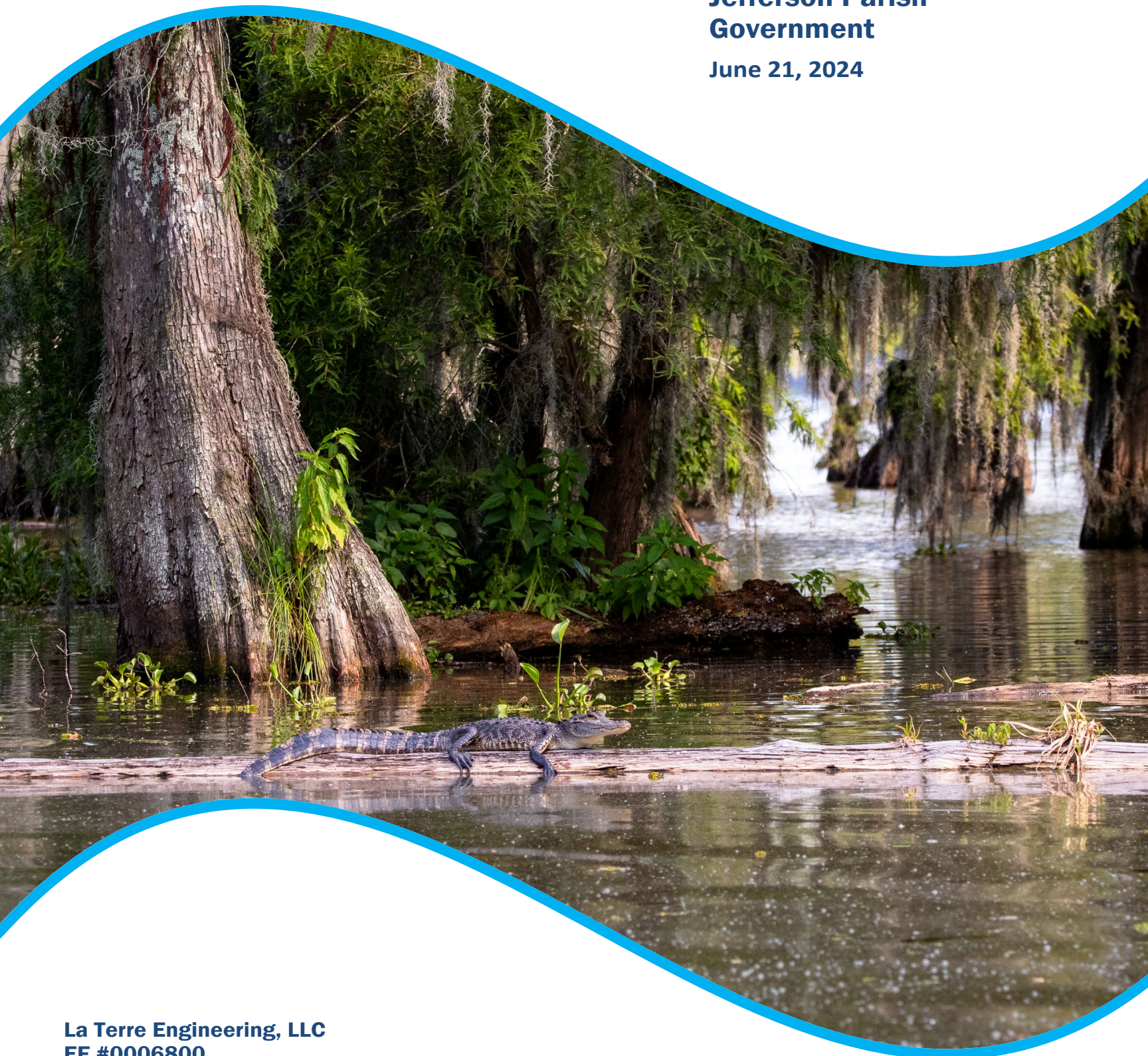


SOQ 24-015 Routine Engineering Services for Drainage Projects Resolution No. 144202

Submitted To:

**Jefferson Parish
Government**

June 21, 2024



**La Terre Engineering, LLC
EF #0006800
343 Third Street, Suite 511B
Baton Rouge, LA 70801
Contact: Seneca Toussant, PE
Phone: 225-960-1160
Email: stoussant@laterre-eng.com**

LA TERRE ENGINEERING, LLC

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 24-015 Routine Engineering Services for Drainage Projects - Resolution No. 144202

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:

<u>1</u>	Administrative	_____	Estimators	_____	Specification Writers
_____	Architects (Licensed)	_____	Geologists	_____	Structural Engineers
_____	Chemical Engineers	_____	Geotechnical Engineers	<u>1</u>	Graduate Engineers
<u>1</u>	Civil Engineers	_____	Interior Designers	_____	Project Managers
_____	Construction Inspectors	_____	Landscape Architects	<u>1</u>	Clerical
_____	Ecologists	_____	Land Surveyor	_____	Grant/Funding Specialist
_____	Electrical Engineers	_____	Mechanical Engineers	_____	Sanitary Engineers
<u>1</u>	Engineer Intern	_____	Environmental Engineers	_____	
_____	Professional Land Surveyors	_____		<u>5</u>	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: 4

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.

Naval Air Station (NAS), Joint Reserve Base (JRB), Basin 1 Drainage Improvements | Belle Chasse, LA

Mr. Toussant was responsible for the preparation of construction documents for required drainage improvements to Basin 1 at the Naval Air Station, Joint Reserve Base in Belle Chasse, Louisiana. He was responsible for the preparation of the hydrologic and hydraulic analysis for the required improvements of closed drainage and open channel drainage systems. He was responsible for preparing the construction documents in conformance with Naval Facilities Engineering Command design standards and applicable LADOTD design standards.

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

TEC Professional Services Questionnaire

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.

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.

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: 3

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

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: Roman Hundley

Project Assignment: Civil Engineer Technician

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

Years' experience with this Firm:1

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

Active registration: Year first registered/discipline: N/A

Other experience and qualifications relevant to the proposed Project:

Mr. Hundley is a graduate of Louisiana State University in Biological Engineering. Mr. Hundley experience includes drainage design, utility coordination, compiling construction packages, including preparing drawings, specifications and other construction documents. Mr. Hundley's responsibilities also include construction administration for various projects for our clients.

CP Project No. 23-EN-HC-0016 Hundred Oaks Ave. Sidewalks | Baton Rouge, LA

Mr. Hundley is assisting in the preparation of construction documents for the Hundred Oaks Sidewalks project. His responsibilities include civil engineering design, plan preparation and cost estimates to address walkability and ADA accessibility along Hundred Oaks Ave.

North Boulevard Area ADA Transition Project | Baton Rouge, LA

Mr. Hundley is assisting in the is the site evaluations, civil engineering design, plan preparation and cost estimates to address walkability and ADA accessibility along North Boulevard in downtown Baton Rouge.

South Boulevard Area ADA Transition Project | Baton Rouge, LA

Mr. Hundley is assisting in the is the site evaluations, civil engineering design, plan preparation and cost estimates to address walkability and ADA accessibility along South Boulevard in downtown Baton Rouge.

Sharp Road (Florida Blvd to Old Hammond Hwy) | Baton Rouge, LA

Mr. Hundley is supporting roadway design for the project, including existing and proposed drainage maps, subsurface drainage design and preparation of preliminary and final plans, including typical sections for enhancements for pedestrian and bicycle users.

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

Mr. Hundley is responsible for the construction administration phase of the project. His responsibilities include biweekly site visits, review and approval of pay applications, engineering during construction and project closeout for the for channel improvements for the White Castle Canal.

Louisiana Watershed Initiative Town of Maringouin Improvements | Maringouin, LA

Mr. Hundley assisted in 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.

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 Consultant						
Completion Date (Actual or estimated)	Estimated Cost:						
	<table> <tr> <th style="text-align: center;">Entire Project:</th><th style="text-align: center;">Work for which Firm was Responsible:</th></tr> <tr> <td>2025(E)</td><td> <table> <tr> <td>\$42 Mil</td><td>150K</td></tr> </table> </td></tr> </table>	Entire Project:	Work for which Firm was Responsible:	2025(E)	<table> <tr> <td>\$42 Mil</td><td>150K</td></tr> </table>	\$42 Mil	150K
Entire Project:	Work for which Firm was Responsible:						
2025(E)	<table> <tr> <td>\$42 Mil</td><td>150K</td></tr> </table>	\$42 Mil	150K				
\$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:

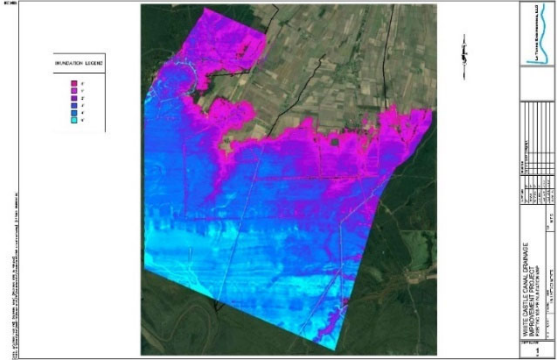
- Establishing project files at PLD's office to demonstrate compliance with all applicable state, local, and federal regulations. The project files will be monitored throughout the program to ensure that they are complete, and that all necessary documentation is being retained in PLD's files.
- Ensuring 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.

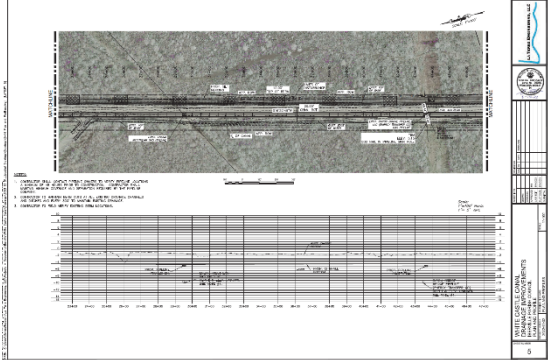
RELEVANCE TO PROJECT SCOPE

- 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(A)	\$2.4 Mil.	180K
<p>Project description:</p> <p>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.</p> <p>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.</p> <p>LTE's services included the following:</p> <ul style="list-style-type: none"> • Description of Mitigation Need <ul style="list-style-type: none"> ○ Summary of Project Benefits, Map of Benefitting Area, Benefit Cost Analysis, Level of Risk Reduction Narrative, HUD LMI Summary Data • Environmental Review & Permitting <ul style="list-style-type: none"> ○ Summary of Existing and Required Permits and Environmental Impacts Narrative • Project Schedule & Budget <ul style="list-style-type: none"> ○ Project Milestone Schedule, Project Delivery & Construction Cost Estimate/Budget • Hydrology and Hydraulic Study • Preliminary and Final Plans 		



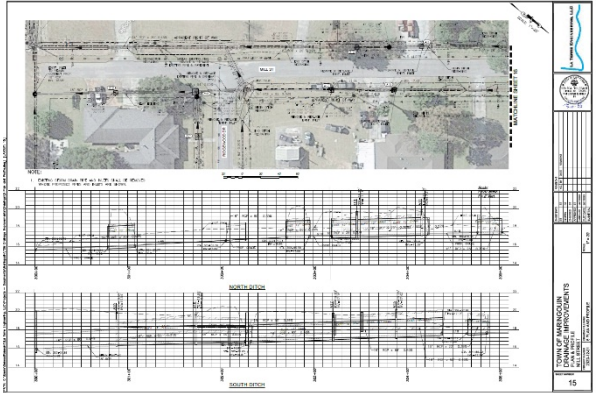
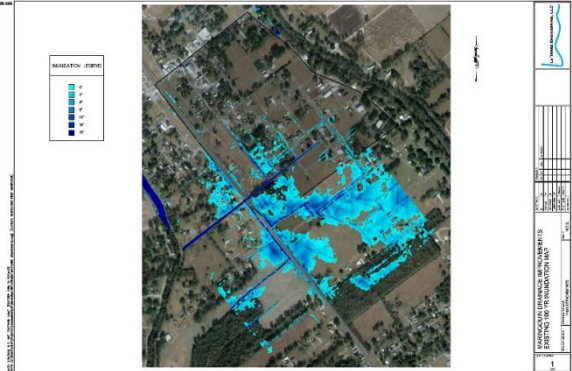


RELEVANCE TO PROJECT SCOPE

- 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	
Louisiana Watershed Initiative Town of Maringouin Drainage Improvements Maringouin, LA Point of Contact: Maurice Harris, Mayor Office: 225-625-2630	Prime Consultant	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024(A)	\$741K	111K
Project description: <p>The proposed Town of Maringouin Drainage Improvements project will include improvements and upsizing of the existing drainage systems, 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 preparation and completion of the following:</p> <ul style="list-style-type: none"> • Project Location Details <ul style="list-style-type: none"> ○ Project Location Map, Aerial Photo, Map showing Area of Disturbance, Parcel Map, Topo Maps, USGS Ecological Maps, Photographs of the Project Site • Description of Mitigation Need <ul style="list-style-type: none"> ○ Summary of Project Benefits • Project Scope of Work <ul style="list-style-type: none"> ○ Project Scope of Work Narratives • Environmental Review & Permitting • Project Schedule & Budget <ul style="list-style-type: none"> ○ Project Milestone Schedule, Project Delivery & Construction Cost Estimate/Budget, O&M Cost Estimate • Preliminary and Final Design <p>Construction Administration</p>		

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. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Early Warning Systems and Rain Gauges Project Livingston Parish, LA Point of Contact: Heather Crain Office: 225686-3018	Prime Consultant	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024(E)	\$450K	41K
Project description: La Terre Engineering, LLC (LTE) is providing engineering services to prepare 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: <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Monitor and forecast rain and flooding events Analyze risks involved Disseminate timely and authoritative warnings Activate emergency preparedness and response plans 		
		
		RELEVANCE TO PROJECT SCOPE <ul style="list-style-type: none"> Schematic Design Existing Drainage Evaluation Preliminary and Final Design Benefit Cost Analysis

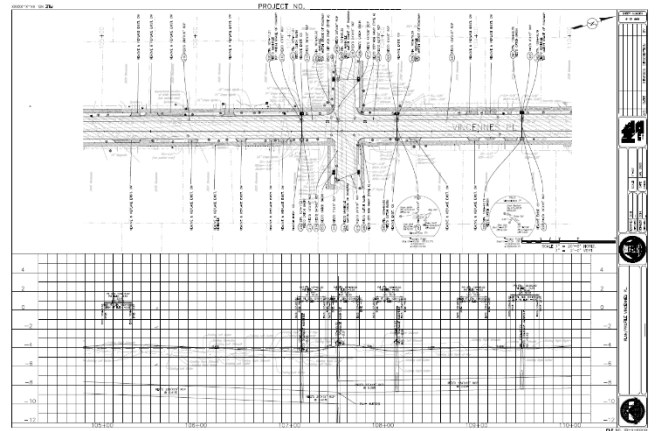
TEC Professional Services Questionnaire

PROJECT NO. 5

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	Subconsultant	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020(A)	\$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**.

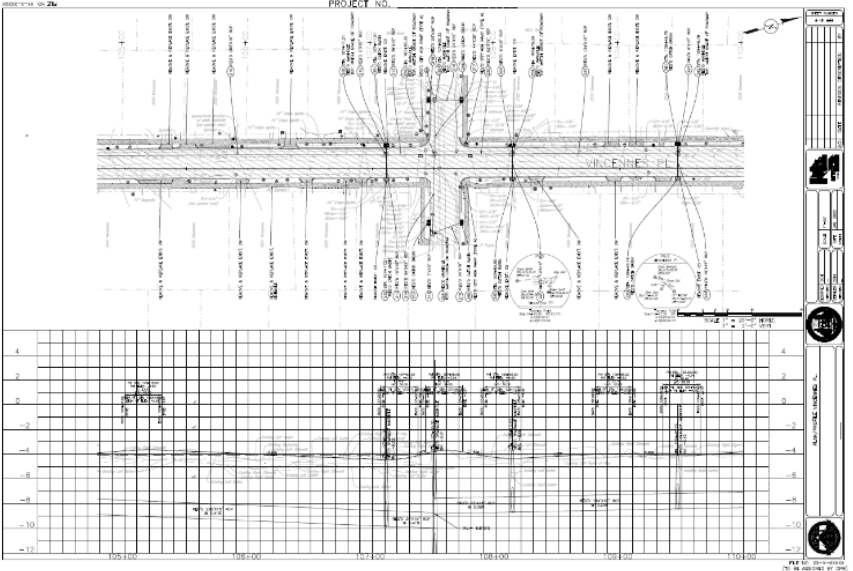


LTE prepared preliminary plans in accordance with the City of New Orleans Design Guidelines, **LADOTD Hydraulics Manual**, 2017 LADOTD Minimum Design Guidelines and 2016 DOTD Standard Specifications for Roads and Bridges.


RELEVANCE TO PROJECT SCOPE

- Preliminary Plans
- Storm Sewer Design

TEC Professional Services Questionnaire

PROJECT NO. 6		
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	Subconsultant	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020(A)	\$2.8 Mil	7K
<p>Project description:</p> <p>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.</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 40%;"> <p>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.</p> </div> <div style="width: 55%;">  </div> </div>		
<div style="border: 1px solid black; padding: 10px; margin-top: 20px;"> <p>RELEVANCE TO PROJECT SCOPE</p> <ul style="list-style-type: none"> Preliminary Plans Storm Sewer Design </div>		

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information: Ward Creek at Siegen Lane Channel Improvements City of Baton Rouge Point of Contact: Kimberly Koehl, PE Office: 225-644-55232 kkoehl@mckimcreed.com	Nature of Firm's Responsibility: Subconsultant	
Completion Date (Actual or estimated): 2022 (E)	Estimated Cost:	
	Entire Project: \$1.1 Mil.	Work for which Firm was Responsible: 20K
<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p>Project description:</p> <p>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.</p> <p>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.</p> <p>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.</p> </div> <div style="width: 55%; text-align: center;">  </div> </div> <div style="margin-top: 20px; border: 1px solid black; padding: 10px; width: fit-content; margin-left: auto;"> <p>RELEVANCE TO PROJECT SCOPE</p> <ul style="list-style-type: none"> Preliminary and Final Plans Hydrology and Hydraulic Study Open Channel Design Cost Analysis </div>		

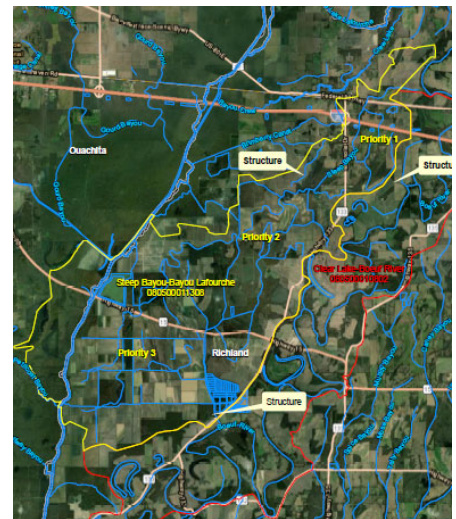
TEC Professional Services Questionnaire

PROJECT NO. 8

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	Subconsultant	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023 (A)	\$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. 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	Prime Consultant	
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-CDBG 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




RELEVANCE TO PROJECT SCOPE

- Plan Review
- Pump Station Commissioning

Prepared By:
La Terre Engineering, LLC


Burk-Kleinpeter, Inc.


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	Subconsultant	
Completion Date (Actual or estimated)	Estimated Cost:	
2021 (A)	Entire Project: \$14 Mil	Work for which Firm was Responsible: 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.		
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%; border: 1px solid black; padding: 10px;"> RELEVANCE TO PROJECT SCOPE <ul style="list-style-type: none"> Civil Engineering Dredging Design Mapping & CADD Support Hydrology and Hydraulics Benefit Cost Analysis Permitting and Design Preliminary and Final Design </div> <div style="width: 65%; text-align: center;">  </div> </div>		

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), 8(a) Certified, HUBZone** 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. 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.

TEC Professional Services Questionnaire

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.

- 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.

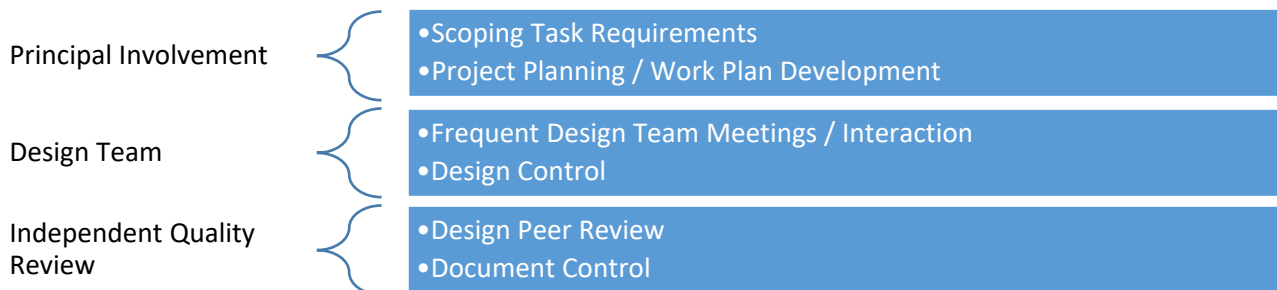
Mr. Toussant has experience on a variety of port projects throughout Louisiana including design and project management experience on coastal projects in south Louisiana. Mr. Toussant has been involved in projects from the initial planning stages, through design, to project coordination and construction 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 in 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: 6/21/24



ATTACHMENT 1



LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

This is to certify that under Title 49, Part 26 of the Code of Federal Regulations
& 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 2023 to September 2024

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 Programs Manager

Louisiana Department of Transportation & Development



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

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




Name		Type	City	Status
LA TERRE ENGINEERING LLC		Limited Liability Company	BATON ROUGE	Active
Previous Names				
Business:	LA TERRE ENGINEERING LLC			
Charter Number:	43792422K			
Registration Date:	2/24/2020			
Domicile Address				
343 THIRD STREET, SUITE 511B				
BATON ROUGE, LA 70801				
Mailing Address				
343 THIRD STREET, SUITE 511B				
BATON ROUGE, LA 70801				
Status				
Status:	Active			
Annual Report Status: In Good Standing				
File Date:	2/24/2020			
Last Report Filed:	3/28/2024			
Type:	Limited Liability Company			
Registered Agent(s)				
Agent:	SENECA TOUSSANT			
Address 1:	343 THIRD STREET, SUITE 511B			
City, State, Zip:	BATON ROUGE, LA 70801			



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 6/21/2024 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

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

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Seneca Darnell Toussant		
License/Certificate Type - Number	Expiration Date	
PE.0036080	09/30/2025	
Status: Active		
<p>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).</p> <p>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.</p>		

Fold Here

Cut Here

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 LPELS 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 LPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LPELS, 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 LPELS.

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

Name:		Public Address:	
La Terre Engineering, LLC	<div>Mr. Seneca Toussant</div> <div>343 Third Street,</div>		

License/Certificate Information w/ Supervision			
License	Status	First Issuance Date	Expiration Date
EF.0006800	Active	03/19/2020	09/30/2024
			Supervisor(s)
			Mr. Seneca Darnell Toussant # PE.0036080