



BATTURE^{LLC}
engineers + land surveyors

SOQ 24-015 / RESOLUTION: 144202

5110 FRERET STREET, NEW ORLEANS, LA
PH.504 533.8644

JEFFERSON PARISH

PROVIDE ROUTINE ENGINEERING
SERVICES FOR DRAINAGE PROJECTS



BATTURE LLC
engineers + land surveyors

Jefferson Parish Purchasing Department
c/o Shanna Folse
General Government Building
200 Derbigny Street, Suite 4400
Gretna, LA 70053

Subject: **SOQ 24-015-Provide routine engineering services for Drainage Projects in Jefferson Parish
Jefferson Parish Technical Evaluation Committee (TEC) Questionnaire**

Dear Selection Committee,

Founded in 2014, Batture is dedicated to the idea that a highly inspired team can deliver outstanding results while also creating powerful social and environmental change. During every one of our projects, we are energized by this unique purpose. Our clients deserve our best efforts and so does our amazing region and state.

We have established ourselves as a leader in the design of resilient infrastructure for the Coastal Parishes of Louisiana. Our projects re-imagine how infrastructure can better serve communities for the next 50 years rather than duplicating exactly what was done 50 years ago. We believe forward thinking solutions are necessary for Jefferson Parish to thrive in the future; solutions that consider community health, environmental impacts, flood reduction, as well as long-term operation & maintenance costs. Our talented staff members are focused on addressing those issues through their work.

As someone born and raised in Jefferson Parish, as well as spending my entire career working in Southeast Louisiana, I am intimately familiar with the local infrastructure. We at Batture are particularly excited about the opportunity to work on drainage projects for Jefferson Parish because we understand the critical importance of effective drainage systems in our community. Whether in a coastal community, subdivision, or commercial corridor, we see the immense value and positive impact our expertise can bring to the citizens of Jefferson Parish. By addressing drainage challenges, we aim to enhance safety, improve quality of life, and contribute to the sustainable development of our beloved home region.

As a locally founded company, we look forward to the opportunity to work with Jefferson Parish and thank you for considering our statement of qualifications.

Respectfully,

Robert Mora, PE, PLS, ENV-SP
Managing Partner
Batture, LLC
bmora@batture-eng.com

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 24-015-Provide routine engineering services for Drainage Projects in Jefferson Parish
Resolution No. 144202

B. Firm Name & Address:

Batture, LLC
5110 Freret Street
New Orleans, LA 70115

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:

Robert Mora, PE, PLS, ENV-SP
Owner & Managing Partner, Bature LLC
Professional Engineer
Professional Land Surveyor
bmora@batture-eng.com
504.533.8644 x 700

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.

Robert Mora, PE, PLS, ENV-SP
Owner & Managing Partner, Bature LLC
Professional Engineer
Professional Land Surveyor
bmora@batture-eng.com
504.533.8644 x 700

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

<u>2</u> Administrative	___ Estimators	___ Specification Writers
___ Architects (Licensed)	___ Geologists	<u>2</u> Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	___ Graduate Engineers
<u>2</u> Civil Engineers	___ Interior Designers	___ Project Managers
___ Construction Inspectors	<u>1</u> Landscape Architects	___ Clerical
___ Ecologists	<u>3</u> Land Surveyor	___ Grant/Funding Specialist
___ Electrical Engineers	___ Mechanical Engineers	___ Sanitary Engineers
<u>3</u> Engineer Intern	___ Environmental Engineers	
<u>1</u> Professional Land Surveyors		<u>14</u> TOTAL

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

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

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. N/A

H. Has this JOINT-VENTURE previously worked together? Please check:
YES NO N/A

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. N/A		
3. N/A		

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:

Robert Mora, PE, PLS, ENV-SP
Owner & Managing Partner

Project Assignment:

Professional Engineer, Professional in Charge of Project

Name of Firm with which associated:

Batture, LLC

Years' experience with this Firm:

9 Years

Education: Degree(s)/Year/Specialization:

B.S. / 2003 / Civil Engineering

Active registration: Year first registered/discipline:

2009 / Civil Engineering / 35109
2010 / Professional Land Surveyor / 5042

Other experience and qualifications relevant to the proposed Project:

Robert (Bob) Mora, PE, PLS is founder and managing partner of Batture, LLC and has over 20 years experience in land surveying and civil engineering throughout the New Orleans Metro Area. Mr. Mora has experience providing civil design services on projects for private developers and municipalities. He has successfully managed and completed projects for entities such as the Sewerage and Water Board of New Orleans, City of New Orleans Department of Public Works, Regional Planning Commission, St. Bernard Parish, Orleans Levee Board, and Army Corps of Engineers. From 2008 – 2011, he worked on the Army Corps of Engineers Hurricane Protection Program as a sub consultant. After managing the construction of over 100 million dollars of flood protection, Mr. Mora was recognized with a Certificate of Appreciation for Exceptional Achievement as a Project Engineer on the Hurricane & Storm Damage Risk Reduction System Mission. Managing this construction work greatly increased his ability to prepare contract plans and specifications.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Lauren Williams, PLA, ASLA, GIP Professional Landscape Architect
Project Assignment:
QAQC, Landscape Architecture
Name of Firm with which associated:
Batture, LLC
Years' experience with this Firm:
2 Years
Education: Degree(s)/Year/Specialization:
B.L.A. / 2016 / Design Studies(major), Landscape Architecture(minor) M.L.A. / 2018 / Landscape Architecture
Active registration: Year first registered/discipline:
2022 / Louisiana PLA (Landscape Architect) / W-266 2025 / Louisiana Arborist / 184497
Other experience and qualifications relevant to the proposed Project:
Lauren Williams, PLA is a passionate licensed landscape architect, licensed arborist, and green infrastructure professional, specializing in stormwater management in an urban environment. She is dedicated to creating functional and aesthetically pleasing outdoor spaces that harmonize with the natural environment while meeting the needs of diverse communities. In addition to her technical and design skills, Lauren has expertise in community engagement, organizing public events and collaborating closely with stakeholders to ensure that projects reflect the unique needs and aspirations of the communities they serve. Throughout her experience as a project manager, Lauren has led multidisciplinary teams to deliver projects spanning a wide range of types and scales, from small residential green infrastructure designs to urban parks and reforestation initiatives, as well as large-scale commercial developments and higher education campuses. She has played a key role in award winning projects in green infrastructure in both Louisiana and North Carolina.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Paul Mattingly, EI Survey/Civil Designer
Project Assignment:
Survey/Civil Engineering Design
Name of Firm with which associated:
Batture, LLC
Years' experience with this Firm:
3 Years
Education: Degree(s)/Year/Specialization:
B.S./ 2016/ Civil Engineering
Active registration: Year first registered/discipline:
EI / 33363/ Civil Engineering / 09.30.2025
Other experience and qualifications relevant to the proposed Project:
Paul Mattingly, EI is a Survey Technician at Batture. Originally from Covington, LA, Paul graduated with a B.S. in Civil Engineering from LSU in 2016 and soon began working at a construction company where he developed the skills necessary for quantity take off, cost analysis and model building for a range of clients in the public and private sectors. He is experienced in many software platforms, including AutoCAD and Trimble Business Center. Paul is now diversifying his experience and working as a survey technician to ultimately pursue his Professional Land Surveyor license.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Huynh Duc Kevin Dinh, EI Survey/Civil Designer
Project Assignment:
Project Engineer
Name of Firm with which associated:
Batture, LLC
Years' experience with this Firm:
2 Years
Education: Degree(s)/Year/Specialization:
B.S./2019/Civil and Environmental Engineering
Active registration: Year first registered/discipline:
EI / 34377 / 2020
Other experience and qualifications relevant to the proposed Project:
Huynh Duc Kevin Dinh, EI is an Engineer Intern at Batture specializing in surveying and civil engineering tasks. Kevin graduated from the University of New Orleans in May 2019, excelling in specialized coursework such as Elementary Surveying Measurements and Drones. During college, his involvement in civil engineering extended beyond the classroom. Kevin was involved in the American Society of Civil Engineers, American Concrete Institute, and Society of Women Engineers. He developed leadership skills as the UNO Survey Captain for the ASCE Deep South Conference from 2017-2019. Prior to graduation, Kevin was employed as drafter and land surveying technician for a New Orleans land surveying and engineering firm. Through this experience, he became proficient in using AutoCAD Civil 3D to create architectural and engineering design plans. Additionally, he became a talented field technician in land surveying. At Batture, Kevin assists surveying and civil engineering projects as a drafter and field technician. As an EI, Kevin is involved in various civil design projects within the New Orleans area.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Tylon Richard Survey/Civil Designer	
Project Assignment:	
Survey/Civil Engineering Design	
Name of Firm with which associated:	
Batture, LLC	
Years' experience with this Firm:	
3 Years	
Education: Degree(s)/Year/Specialization:	
BS / 2021 / Civil and Environmental Engineering / Howard University	
Active registration: Year first registered/discipline:	
N/A	
Other experience and qualifications relevant to the proposed Project:	
Tylon joined Batture as a student intern while he was completing his civil engineering degree at Howard University. Upon graduation, he started working full time as a drafter and survey technician. He is proficient in AutoCAD and VisiSpecs, and in the use of land surveying equipment. His drafting design work has been focused on infrastructure and drainage.	

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:	
Lakeview City Park Drainage New Orleans, Orleans Parish, LA City of New Orleans Mary Kincaid 1300 Perdido St New Orleans, LA 70112 (504) 658-8048 mkincaid@nola.gov	As prime consultant, Batture is overseeing all professional design and construction administration services for the FEMA HMGP-eligible project site. The project is located in City Park north of the I-610 and explores how the park might be used to manage stormwater and mitigate flooding in the surrounding neighborhoods. For the landscape architecture component of this project, Batture is spearheading a seeding pilot project. Our employees worked closely with LSU Ag Center and local suppliers to develop a series of seed mixes. The application locations, and species varieties contained within each mix, were chosen to best suit the various elevations and water exposure present throughout City Park. The goal of the pilot project is to gather detailed and site-specific data about plant sustainability, functionality, and rate of successful establishment. This data will then be used to inform the overall planting design and implementation.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Design - Estimated February 2022 Construction - Estimated April 2023	\$15,828,879 (Construction) \$1,606,245 (Consulting)	\$890,000 (Estimated)

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
St. Anthony Green Streets - Programming and Design New Orleans, Louisiana City of New Orleans DPW Stephanie Dreher stephanie.dreher@nola.gov 504-658-8000 1300 Perdido Street Suite 6W03 New Orleans, LA 70112	This project, a component of the Gentilly Resilience District, will create a network of small green infrastructure improvements that will capture water where it falls, reduce runoff flowing into the city's drainage system, infiltrate stormwater, and reduce flooding. The goals for this project are to improve stormwater management and reduce flood risk and subsidence, empower residents to participate in adapting their block and neighborhood parks to manage water and build resilience, enhance social cohesion and community well-being, increase recreational opportunities, and develop a replicable model for block-by-block strategies for stormwater management and community resilience across the city. Batture's responsibilities include landscape architecture, stormwater modeling, drainage infrastructure design, stormwater design, and planning/permitting with City agencies.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Estimated 2026	\$13,400,000	\$1,640,000

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Bucktown BRIC Jefferson Parish, Louisiana Jefferson Parish Michelle Gonzales Joseph S. Yenni Bldg 1221 Elmwood Park Blvd. Jefferson, LA 70123 504-736-6653 mgonzales@jeffparish.net	The Bucktown BRIC program aims to ensure the longevity and sustainability of this coastal community by finding solutions to stormwater management within the confines of Orpheum Ave, Cherokee Ave, West Esplanade Ave, and Lake Pontchartrain. Batture provided land surveying services as well as conceptual design and landscape architecture. Bature was also responsible for planning and holding two community engagement events to receive feedback from residents and business in the area in an effort to inform functional designs for the project.	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2023	\$262,813.45	\$61,311

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
LA SAFE Gretna Resilience District Kickstart Ph. I Gretna, Louisiana City of Gretna Matthew Martinec PO Box 404 Gretna, LA 70054 504-363-1568 mmartinec@gretnala.com	This phase of the project focuses on Gretna City Park, an existing public space that occupies nearly 100 acres in the center of the City of Gretna. The existing amenities are focused primarily on passive use with lots of open space, an existing retention pond, forested areas, and some pathways connection to limited parking areas. Project goals included addressing localized flooding and repetitive loss, improving access to the park, introducing more active programming elements, provide landmarks and destinations within the park, provide additional parking, repair existing structure on site such as the outfall weir on Claire Ave, designate pedestrian routes through the park with the use of trails, expand and enhance the existing pond system, improve water quality within the park and district to provide a healthier habitat for local wildlife, and introduce interpretive signage to educate the public about water quality and green infrastructure.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2020	\$5,605,000	\$20,397.00 (Programming Phase) \$165,100.00 (Design Phase)

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Blue & Green Corridors City of New Orleans New Orleans, Louisiana Stantec Consulting Services, Inc. Dan Grandal 1340 Poydras Street, Suite 1420 504-654-1758 dan.grandal@stantec.com	The Blue & Green Corridors project is part of the Gentilly Resilience District. Batture was a sub on this groundbreaking resilience and drainage/water management project that aims to transform major boulevards in Gentilly. The large neutral grounds on the major streets in Gentilly present a unique opportunity to construct a network of stormwater management features and multimodal connections. Batture is providing topographic and right-of-way surveys, civil design and landscape architecture on this project. Additionally, this project served to deepen our knowledge of complete street design principles by working side by side with industry experts.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	\$45,000,000	\$374,053

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Dillard Wetlands New Orleans, Louisiana Freese & Nichols Nina Reins 900 Camp Street, Suite 354 New Orleans, LA 70130 504-478-1065 nina.reins@freese.com	The Dillard Wetland is a 27-acre parcel of forested low-lying land on the west side of the London Canal opposite of Dillard University and is one of the last remaining parcels of forest within city limits. The Greater New Orleans Water Plan envisaged the Dillard Wetlands as providing a retreat from urban life. The existing low-lying area would be nourished by an influx of stormwater from the surrounding neighborhoods, supporting a healthy wetland ecosystem. Batture is sub-consultant to Freese and Nichols. We provided surveying services for Phase I of the project, including boundary survey, topographic survey, and tree identification/assessments. In Phase II, we are providing landscape architecture services, design analysis and reports, civil engineering, H&H modeling, and structural engineering.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Estimated 2026	N/A	\$236,676

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Pontilly Stormwater HMGP Project New Orleans, Louisiana Fleming Construction Company Debbie Clement 23 E Airline Hwy Kenner, LA 70062 504-464-4000 dclement@flemco.net	The Pontilly Neighborhood Stormwater Network project will reduce flood risk and beautify green spaces in the Pontchartrain Park and Gentilly Woods neighborhoods through the construction of green infrastructure strategies. The project will combine improvements to the Dwyer Canal with a network of interventions along streets, in alleyways, and within vacant lots designed to slow and store stormwater.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
July 2022	\$15,000,000	\$74,625

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
City of New Orleans/ DPW Streets Projects New Orleans, Louisiana City of New Orleans DPW Stephanie Dreher stephanie.dreher@nola.gov 504-658-8000 1300 Perdido Street Suite 6W03 New Orleans, LA 70112	Batture has been successfully providing land surveying and civil engineering services on City of New Orleans/ Department of Public Works projects since 2016. Surveying work is completed in accordance with the Department of Public Works standards for street surveys. Drawings include vertical and horizontal project control points, plan & profile drawings and cross sections. Batture utilized contacts with local utility agencies to plot underground utilities located within the street right-of-way. The majority of these projects are Recovery Roads and Hazard Mitigation projects. Batture has conducted surveys for over 750 blocks within the city, solely on the Recovery Roads projects. This translates to over 300,000 linear feet of street surveying. In our roles on these projects we have also surveyed nearly 19,000 linear feet of waterline and over 33,000 linear feet of drainage. Our involvement in the RR Projects covers all of the City of New Orleans: BW Cooper, Central City, Mid City, Lower 9th Ward, City Park, Filmore, Marlyville-Fontainebleau, Leonidas and St. Anthony.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	Unknown	Unknown

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
3969 Tchoupitoulas Street New Orleans, Louisiana Zangara + Partners Daniel Zangara 3615 Magazine St. New Orleans, LA 70115 504-473-0064 daniel@zangarapartners.com	This project is a mixed-use development proposed for the corners of Austerlitz and Tchoupitoulas. Batture, LLC is tasked with the civil engineering, landscape architecture, and stormwater management components of the project. The landscape architecture component of this site includes designing the site to meet City of New Orleans code requirements for planting and screening, managing stormwater through the use of green infrastructure, and preparing all necessary plans and supporting documents for permit application and successful construction of the project.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
May 2022	N/A	\$920

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Ronald McDonald House New Orleans, Louisiana Eskew+Dumez+Ripple Jenifer Navard 365 Canal Street, Suite 3150 New Orleans LA 70130 United States 504-561-8686 jnavard@eskewdumezripple.com	This project was the renovation of two buildings of the old U.S. Marine Hospital on Children's Hospitals campus to provide housing to long-term patient families during treatment at Children's Hospital. This project was a part of the ongoing master plan to renovate the U.S. Marine Hospital buildings. Batture provided the landscape architecture and stormwater management services which included tree protection, planting design, and the design of a series of rain gardens. Batture also provided structural engineering for the new 2-story building.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2022	\$6,300,000	\$35,700

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. N/A		
3. N/A		
4. N/A		

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

Established in 2014, Batture LLC is a Louisiana-licensed landscape architecture, civil engineering, and land surveying firm specializing in site development, stormwater management design, green infrastructure, hydraulic/ hydrodynamic modeling, structural design, and construction management. Based in New Orleans, our company is a certified Small Entrepreneurship (Hudson Initiative) dedicated to Louisiana's progress and protection. Our diverse team includes 4 Professional Engineers, 1 Professional Landscape Architect, and 1 Licensed Land Surveyor with over 70 years of collective experience. Licensed in Louisiana, Mississippi, Alabama, and Florida, we prioritize open communication with clients and deliver services that enhance communities and the environment, integrating low impact design principles into our projects. Leveraging our relationships with permitting authorities, we navigate project challenges efficiently. Additionally, our multi-disciplinary approach allows seamless coordination across professions. We are deeply committed to projects that enhance Louisiana's community resilience while preserving its cultural heritage, and we take pride in projects that combine our design services with our dedication to this commitment. In fact, much of our work focuses on urban infrastructure development, from historic renovations to large-scale green infrastructure projects.

We strive to embody a mission that makes the world a better place directly through our services. In fact, Batture LLC is the only civil engineering company to be accepted into the business program at Propeller, the New Orleans non-profit that works with socially minded companies. It's not just our pro bono work that got us there, but our vision to help transform civil engineering. We believe civil engineering firms will be most successful long-term when they work profitably and collaboratively with the community to discover our greatest opportunities for impact.

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

Signature:  Print Name: Robert J. Mora, II

Title: Owner & Managing Partner Date: 06/14/2024