



Engineering & Construction

JEFFERSON PARISH

SOQ 25-007

**PROFESSIONAL ENGINEERING
SERVICES RELATED TO THE
DESIGN AND CONSTRUCTION
OF THE AMES BOULEVARD
LIGHTING PROJECT**

March 07, 2025

3525 Hessmer Ave., Suite 304
Metairie, LA 70001
504.834.3448

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 25-007 – Professional Engineering Services related to the Design and Construction of the Ames Boulevard Lighting Project

B. Firm Name & Address:

Marrero, Couvillon & Associates, LLC.
3525 Hessmer Ave., Suite 304
Metairie, LA 70001

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:

Brian Miller, P.E.
Vice President of Engineering
(225) 408-8249
bmiller@mca-llc.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.

Kimball Schlafly, P.E.
Project Manager/Engineer
(504) 834-3448
kschlafly@mca-llc.com

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

<u>7</u> Administrative	<u>1</u> Estimators	<u> </u> Specification Writers
<u>1</u> Architects (Licensed)	<u> </u> Geologists	<u>1</u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u> </u> Civil Engineers	<u> </u> Interior Designers	<u>2</u> Project Managers
<u> </u> Construction Inspectors	<u> </u> Landscape Architects	<u> </u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u>4</u> Electrical Engineers	<u>6</u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u> </u> Engineer Intern	<u> </u> Environmental Engineers	<u>5</u> Designers
<u> </u> Professional Land Surveyors	<u>2</u> CADD Operators	<u>29</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.

**H. Has this JOINT-VENTURE previously worked together? Please check:
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. T. Baker Smith 6660 Riverside Drive, Suite 101 Metairie, LA 70003	Civil Engineering/Survey/Mapping	YES
2.		
3.		

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

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:

Kimball M. Schlafly, P.E., Sr. Electrical Engineer

Project Assignment:

Sr. Electrical Engineer

Name of Firm with which associated:

Marrero, Couvillon & Associates, LLC.

Years' experience with this Firm:

5

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 1988 / Electrical Engineering

Active registration: Year first registered/discipline:

1993 Electrical Engineer

Other experience and qualifications relevant to the proposed Project:

Mr. Schlafly has over 35 years of engineering experience in electrical engineering, project engineering and project management. He has been responsible for various projects requiring design of lighting, low and medium voltage power distribution, standby and emergency power systems, telecommunications, fire alarm, access control, video surveillance, and theatrical audio/visual and lighting systems. Mr. Schlafly has worked on projects with clients in both the public and private sector, such as the Recovery School District in New Orleans, Facility Planning and Control in Baton Rouge, Tulane University, Loyola University, University of New Orleans, as well as with various Architects, Engineering firms, and building owners. Prior to joining Marrero, Couvillon & Associates, Mr. Schlafly was a managing partner of his own firm, working for contractors and owners on design-build projects as well as architects on design-bid projects.

I-10 and 73 Widening – Design Build. LA DOTD. – Sr. Electrical Engineer. Provided electrical engineering and design for lighting on the I-10 Widening from Highland to LA 30 design-build project.

Bluebonnet Blvd. (Picardy to Highland) Roadway Lighting, Baton Rouge. City/Parish of East Baton Rouge.

Sr. Electrical Engineer. The scope of work includes additional lane capacity in each direction. Pedestrian facilities are interspersed throughout the corridor and there is commercial development abutting the entire corridor. The project added an additional travel lane in each direction and provide for connected pedestrian facilities throughout the corridor. Lighting and electrical design included new low-mast lighting utilizing LED fixtures on aluminum poles with breakaway bases, and cover the entire stretch of roadway from Perkins Road to Picardy Ave. All photometric analysis was performed using Agi32 and approved by MoveBR. The lighting levels were determined from the traffic analysis and supported the increased pedestrian and bicycle traffic anticipated with the installation of new sidewalks and bike lanes.

I-20 Widening, Wells to LA34 Electrical and Lighting Design , Baton Rouge. LA DOTD.

Sr. Electrical Engineer. The scope of work is to provide additional traffic capacity in each direction. This was accomplished primarily by increasing the entrance/exit ramps. MCA provided design services to analyze the existing conditions of the roadway lighting, which consisted of high pressure sodium fixtures on low mast poles, and provide modifications to the existing lighting systems as necessary to accommodate the changes in roadway geometry. This includes upgrading the existing fixtures to LED, re-position select poles, and upgrading the secondary controllers to current standards.

I-10 and Pecue Lane - Lighting design, Baton Rouge. East Baton Rouge, City Parish /LA DOTD.

Sr. Electrical Engineer. Currently, there is no access to I-10 from Pecue Lane and the existing Pecue Lane consists of 2 traffic lanes. The existing overpass will be removed and replaced with two overpass structures, with 3 lanes in each direction. Pecue Lane will be reconstructed to a curb and gutter section, with a raised median and 3 lanes in each direction. South of I-10 there will be two bridge structures for Pecue to cross Ward's Creek. Cost: \$36M

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Christian Schade, P.E., Sr. Electrical Engineer
Project Assignment:
Sr. Electrical Engineer
Name of Firm with which associated:
Marrero, Couvillon & Associates, LLC.
Years' experience with this Firm:
6
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 1993 / Electrical Engineering
Active registration: Year first registered/discipline:
2006 Electrical Engineering and Computer Engineering
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Schade's experience as an Electrical Engineer includes: Power system analysis, consisting of load flow, fault, arc flash and coordination studies using SKM Power Tools for Windows and ETAP. Proficient with incident energy level method of Arc Flash calculations per NFPA 70E, 2015 version. Electrical design support for small to medium size projects in industrial facilities, including installation of new pumps, agitators, metering equipment, lighting and power distribution centers. Design of utility switchyards up to 230 KV and protective relaying. A few projects of his projects include:</p> <p>I-10 and 73 Widening – Design Build. LA DOTD. - Sr. Electrical Engineer. Provided electrical engineering and design for lighting on the I-10 Widening from Highland to LA 30 design-build project.</p> <p>France Road – North, Roadway and Drainage Improvements, New Orleans, LA. Port of New Orleans. Sr. Electrical Engineer. MCA provided the electrical and mechanical engineering services for the roadway, lighting, and drainage improvements.</p> <p>Howard Avenue Extension (Loyola Avenue to LaSalle Street) New Orleans, LA. City of New Orleans. Sr. Electrical Engineer. Marrero, Couvillon & Associates is responsible for the Electrical Services for the Howard Avenue Extension. Work includes revising roadway lighting from high pressure sodium lights to LED lights per new City of New Orleans Standards. Revisions include changing light fixtures, downsizing electrical conductors and revising drawings including bill of materials.</p> <p>Bluebonnet Blvd. (Picardy to Highland) Roadway Lighting, Baton Rouge. City/Parish of East Baton Rouge. Sr. Electrical Engineer. The scope of work includes additional lane capacity in each direction. Pedestrian facilities are interspersed throughout the corridor and there is commercial development abutting the entire corridor. The project added an additional travel lane in each direction and provide for connected pedestrian facilities throughout the corridor. Lighting and electrical design included new low-mast lighting utilizing LED fixtures on aluminum poles with breakaway bases, and cover the entire stretch of roadway from Perkins Road to Picardy Ave. All photometric analysis was performed using Agi32 and approved by MoveBR. The lighting levels were determined from the traffic analysis and supported the increased pedestrian and bicycle traffic anticipated with the installation of new sidewalks and bike lanes.</p> <p>I-20 Widening, Wells to LA34 Electrical and Lighting Design , Baton Rouge. LA DOTD. Sr. Electrical Engineer. The scope of work is to provide additional traffic capacity in each direction. This was accomplished primarily by increasing the entrance/exit ramps. MCA provided design services to analyze the existing conditions of the roadway lighting, which consisted of high pressure sodium fixtures on low mast poles, and provide modifications to the existing lighting systems as necessary to accommodate the changes in roadway geometry. This includes upgrading the existing fixtures to LED, re-position select poles, and upgrading the secondary controllers to current standards.</p>

TEC Professional Services Questionnaire

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:				
Bluebonnet Blvd. Roadway Lighting (Picardy to Highland) Roadway Lighting Owner: City of Baton Rouge and Parish of East Baton Rouge MoveBR Program Mngr: HNTB Kate Brady Prejean, P.E. 225-368-2181	The scope of work includes additional lane capacity in each direction. Pedestrian facilities are interspersed throughout the corridor and there is commercial development abutting the entire corridor. The project added an additional travel lane in each direction and provide for connected pedestrian facilities throughout the corridor. Lighting and electrical design included new low-mast lighting utilizing LED fixtures on aluminum poles with breakaway bases, and cover the entire stretch of roadway from Perkins Road to Picardy Ave. All photometric analysis was performed using Agi32 and approved by MoveBR. The lighting levels were determined from the traffic analysis and supported the increased pedestrian and bicycle traffic anticipated with the installation of new sidewalks and bike lanes.				
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 style="text-align: center;">2022</td><td style="text-align: center;">Unknown \$59,000</td></tr> </table>	Entire Project:	Work for which Firm was Responsible:	2022	Unknown \$59,000
Entire Project:	Work for which Firm was Responsible:				
2022	Unknown \$59,000				

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:				
I-10 Highland to LA 73 Design-Build Project Louisiana Department of Transportation East Baton Rouge Parish Subconsultant to Sigma Consulting Group Robert Lear, P.E. 10305 Airline Highway Baton Rouge, LA 70816 (225) 298-0800	MCA scope of services is to provide electrical engineering and design for lighting for the I-10 widening project from Highland to LA 30 design-build. The proposed lighting improvements include the replacement and upgrade of roadway lighting at locations of pre-existing lighting where the illumination and underpass lighting will no longer meet standards or functionality due to modifications of the existing roads, bridges, alignment, and geometry of this project.				
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 style="text-align: center;">2019</td><td style="text-align: center;">Unknown \$50,000</td></tr> </table>	Entire Project:	Work for which Firm was Responsible:	2019	Unknown \$50,000
Entire Project:	Work for which Firm was Responsible:				
2019	Unknown \$50,000				

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
I-10 Corridor Widening – LA 30 Bridge Lighting Ascension Parish Louisiana Department of Transportation Subconsultant to Shread-Kuyrkendall & Associates, Inc. Project Manager: Gary McClure Address: 13000 Justice Avenue, Suite 16, Baton Rouge, LA 70816 (225) 296-1335	Design of the ½ mile lighting systems for a LA DOTD interchange in Ascension Parish. Design of lighting meeting required illumination levels at I-10 widening, LA 30 (including new loop and ramp structures).	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	\$15,000,000	\$51,100

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
I-10 & Pecue Lane Lighting East Baton Rouge City-Parish Government Subconsultant to Shread-Kuyrkendall & Associates, LLC. Project Manager: Gary McClure Address: 13000 Justice Avenue, Suite 16, Baton Rouge, LA 70816 (225) 296-1335	Design Roadway Lighting The civil work consisted of adding new access points to I-10, and new overpasses expanded to three lanes. Lighting design included areas along Pecue Lane, as well as the new overpasses and entrance and exit ramps, utilizing LED fixtures mounted on both high mast and low mast poles. Lighting design also required the establishment of new electrical services and secondary controllers for all of the new lighting.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2025	\$850,000	\$131,000

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
LADOTD I-10 Widening, LA73 to LA30 Baton Rouge, Louisiana MCA was a subconsultant to Shread-Kuyrkendall 1201 Capital Access Road, Baton Rouge, LA, John Raymond 225-296-1335 jraymond@skaengr.com	MCA scope of services is to modify the existing high mast lighting at LA73 interchange, as needed to accommodate the widening of I-10. This required a photometric analysis to be performed on the existing conditions, and again on the proposed relocation for the high mast poles to accommodate the added travel lanes and new bridge construction over LA73. The high mast poles shall be re-used, with new LED light fixtures and lowering devices provided. Design was completed by Chris Schade. Kimball Schlafly is providing the project management. Project is currently awaiting bid by LA DOTD.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2026	Unknown	\$186,000

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
LADOTD I-20 Widening, Wells to LA34 Baton Rouge, Louisiana Subconsultant to Stanley Group 1201 Capital Access Road, Baton Rouge, LA, Jesse Tisdale 225-388-4220 tisdalejesse@stanleygroup.com	The scope of work is to provide additional traffic capacity in each direction. This will be accomplished primarily by increasing the entrance/exit ramps. MCA provided design services to analyze the existing conditions of the roadway lighting, which consisted of high pressure sodium fixtures on low mast poles, and provide modifications to the existing lighting systems as necessary to accommodate the changes in roadway geometry. This includes upgrading the existing fixtures to LED, re-position select poles, and upgrading the secondary controllers to current standards. The project is being designed and administered by Kimball Schlafly, and is ongoing at this time.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2026	Unknown	\$368,000

TEC Professional Services Questionnaire

PROJECT NO. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Howard Avenue Extension (Loyola Avenue to LaSalle Street) City of New Orleans New Orleans, Louisiana Subconsultant to Burk Kleinpeter David Dupre – 504-885-9892	Marrero, Couvillon & Associates was responsible for the Electrical Services for the Howard Avenue Extension. Work includes revising roadway lighting from high pressure sodium lights to LED lights per new City of New Orleans Standards. Revisions included changing light fixtures, downsizing electrical conductors and revising drawings including bill of materials. Performed lighting calculations and followed illumination guidelines per the latest IES roadway lighting recommended practices.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	Unknown	\$74,000

PROJECT NO. 8

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
France Road – North Roadway, Lighting and Drainage Improvements City of New Orleans, Louisiana Subconsultant to NY Associates Michael Nicoladis (504) 885-0500	Marrero, Couvillon & Associates provided the electrical engineering design services for this roadway and drainage improvement project on a stretch of roadway approximately 1.51 miles, located in the city of New Orleans but belonging to the Port of New Orleans. MCA's responsibility included design of new roadway lighting implementing new LED lighting fixtures per LADOTD specifications. This design included optimizing the photometric lighting values to consider existing physical terrain and features.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	Unknown	\$39,200

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. None		
2.		
3.		
4.		

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

MARRERO, COUVILLON & ASSOCIATES, LLC (MCA) has extensive experience providing lighting design for roadways as well for industrial yards, wharves, and sport fields. MCA has performed multiple projects for the LA-DOTD, and has an active IDIQ contract. MCA has also performed multiple roadway projects for the MoveBR pro-gram in East Baton Rouge Parish. The roadway lighting designs have been performed for systems that will be owned and maintained by the municipality, but also systems which are installed and maintained by the Utility Entergy, where the poles and light fixtures are selected from a limited in-ventory maintained by Entergy. MCA has collaborated with T. Baker Smith on several projects. In Baton Rouge, TBS provided topographic and SUE surveys to support the lighting and electrical design for new lighting at an existing roundabout. In Port Fourchon, MCA and TBS performed the restoration work at the Dack facility for Intermoor, provide new LED lighting to replace the existing yard lighting damage in Hurricane Ida. MCA and TBS are doing similar restoration work in Terrebonne Parish, restoring lighting for 5 baseball/softball/football fields for Recreation District No. 10.

Kimball Schlafly, the electrical department manager, is a member of the Illuminating Engineering Society, and has utilized the large library of publications from the organization. For this project, the primary guide is RP-8-22, Recommended Practice: Lighting Roadway and Parking Facilities. Mr. Schlafly is also familiar with the AASHTO guidelines for highway and bridge design as they pertain to lighting systems, as well as ASCE 7 for wind load requirements for poles and towers.

MCA is an engineering design consulting firm with over forty years of experience. Our engineering services include electrical, mechanical and plumbing (MEP) disciplines. Services within these disciplines include:

Investigation/Evaluation/Recommendations for existing systems

Design of new or upgraded MEP systems

Construction Administration services

Field Inspection services.

The firm is current with today's rapidly changing design technologies. In this regard, MCA offers design documentation in Revit, AutoCAD and Microstation.

Founded in Baton Rouge in 1968 by Hugo A. Marrero, Sr., P.E, MCA operates a second location in Metairie, La.

TEC Professional Services Questionnaire

MCA's certification as a Disadvantaged Business Enterprise (DBE) by the Unified Certification Program of the Louis Armstrong New Orleans International Airport, and the Louisiana Department Of Transportation And Development (DOTD) adds value to many publicly funded projects. Additional certifications include:

- State and Local Disadvantaged Business Enterprise (SLDBE)
- Small Entrepreneurship – Hudson Initiative
- Small and Emerging Business Development (SEBD)
- Small Business Administration 8A (SBA 8a)

In addition to our capacity as prime consultant on projects for owners, contractors, and governmental agencies, Marrero, Couvillon also performs engineering services as a sub-consultant to other design professionals. Our work covers a diverse range of public, commercial and industrial projects; large and small including:

- Roadway Lighting
- Highways, Bridges and Tunnels
- Historical Renovations
- Parks and Recreation, including zoos
- Commercial facilities such as hotels and restaurants
- Government facilities
- Sewerage and Drainage
- Industry, including sugar processing facilities and petrochemical installations
- Universities and schools.

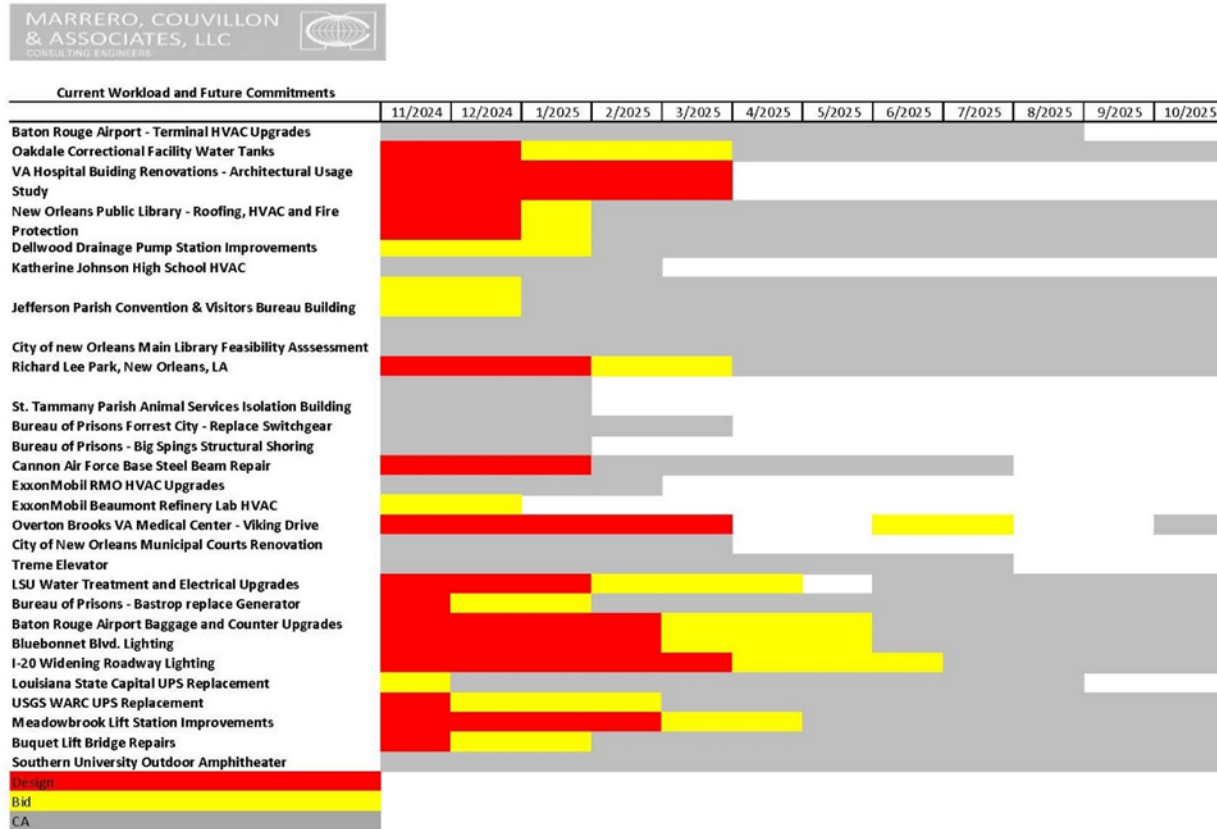
MCA's team of experienced engineers, design technicians, Computer Aided Design/Drafting (CADD) staff, field technicians and specification writers work under the supervision of experienced project managers to develop professional construction documents used for the execution of engineering projects.

- 1. Professional training and experience in relation to the type of work required for the routine engineering services.** The team of professionals at Marrero, Couvillon & Associates, LLC. has varied and extensive experience in providing electrical engineering services as prime consultant, or as subconsultants. Our engineering team has over 200 years of combined experience. As evident in our project experience in Section L, MCA has performed public work projects of all types and sizes.
- 2. Size of firm.** Marrero, Couvillon & Associates has two complete departments for Mechanical Engineering and Electrical Engineering. Each department is run by a licensed Professional Engineer. Each department has designers and CAD technicians to proficiently handle the field visits, meetings, drawings and specifications meeting all code requirements to complete these projects safely, efficiently and to meet the needs of Jefferson Parish. Our staff of eighteen professionals are prepared to serve.

TEC Professional Services Questionnaire

3. Work Load. Presently MCA is seeking to diversify and expand its present workload and would welcome the opportunity to serve Jefferson Parish. As depicted in the chart below many of our project are in CA services, or nearing completion.

Current Workload

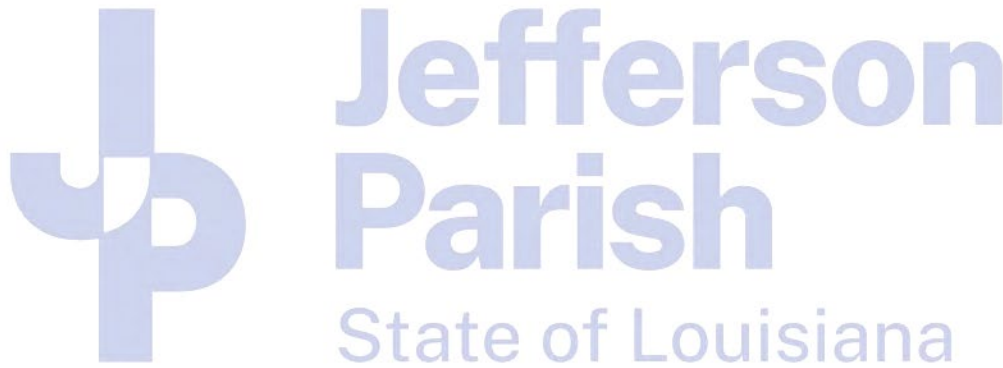


4. Past Performance on Jefferson Parish contracts. Marrero, Couvillon & Associates welcomes the opportunity to provide engineering services for Jefferson Parish. We were the subconsultants on the Bayou Segnette Pumping Station project. We were subconsultants on the West Esplanade F8-4, F*-5 Lift Station project and the Upper LA 45 Tidal Storm Surge Protection Project. We are also subconsultants on the New Animal Adoption and Services Facility. We have not worked as a prime to the parish for many years. We have, however, been involved with many projects within Jefferson Parish, including projects for the design of the New Terminal for the Louis Armstrong International Airport in Kenner, and the rehabilitation of Harvey Canal Tunnel.

TEC Professional Services Questionnaire

5. **Location of the principal office.** Marrero, Couvillon & Associates offers two locations to best meet our client needs. Our Metairie office located at 3525 Hessmer Ave. will serve as our headquarters for this project.
6. **Adversarial Legal proceedings between the Parish and the firm.** MCA has never encountered an adversarial situation with Jefferson Parish and plans to keep it that way.
7. **References for successful completion of projects.** MCA is pleased to provide references for projects of similar nature. Please refer to Section 8, Work by Firm, Project owner names and contact information.

Marrero, Couvillon & Associates, LLC looks forward to working with Jefferson Parish.



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

Signature: _____  _____ Print Name: M. Kimball Schlafly, P.E.

Title: Project Manager Date: March 7, 2025

Subconsultant of MCA, LLC

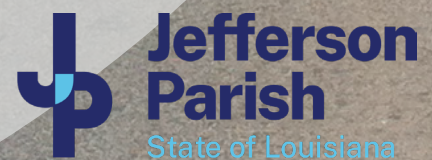


**PROFESSIONAL ENGINEERING
SERVICES RELATED TO THE DESIGN
AND CONSTRUCTION OF THE AMES
BOULEVARD LIGHTING PROJECT
(LAPALCO TO BARATARIA)**

SOQ #25-007

RESOLUTION 145729

MARCH 7, 2025



Empowering People. Enriching Communities.

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

PROFESSIONAL ENGINEERING SERVICES RELATED TO THE DESIGN AND CONSTRUCTION OF THE AMES BOULEVARD LIGHTING PROJECT (LAPALCO TO BARATARIA)

SOQ #25-007 | Resolution 145729

B. Firm Name & Address:

T. Baker Smith, LLC
6660 Riverside Drive, Suite 101
Metairie, LA 70003



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:

Kenneth Wm. Smith, PE, PLS, FACEC
Chief Executive Officer
985.223.9248
Kenneth.Smith@tbsmith.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.

Jean L. Reulet III, PLS
Lead Professional Metairie Survey, Transportation Survey
985.493.2953
Jean.Reulet@tbsmith.com

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

<u>56</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u>1</u> Structural Engineers
<u>1</u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u>8</u> Graduate Engineers
<u>27</u> Civil Engineers	<u> </u> Interior Designers	<u>20</u> Project Managers
<u>4</u> Construction Inspectors	<u>1</u> Landscape Architects	<u> </u> Clerical
<u>10</u> Ecologists	<u>29</u> Land Surveyor	<u>1</u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u>2</u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u>5</u> Engineer Intern	<u>2</u> Environmental Engineers	<u>121</u> Other
<u>14</u> Professional Land Surveyors		<u>302</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

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):
N/A		

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

302 (All personnel, primary and support, will be available to work on all assigned projects.)

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:

Jean L. Reulet III, PLS

Lead Professional Metairie Survey, Transportation Survey

Project Assignment:

Senior Project Manager

Name of Firm with which associated:



Years' experience with this Firm:

4 years with this firm | 13 years with other firms

Education: Degree(s)/Year/Specialization:

Bachelor of Science/2011/Geomatics

Active registration: Year first registered/discipline:

LA PLS. 5145/2015/Land Surveyor

Other experience and qualifications relevant to the proposed Project:

Jean has served in various roles as a professional land surveyor since 2015. His field experience for LADOTD projects began in 2012 where he has been involved in dozens of topographic surveys of varying sizes across southern Louisiana. He has participated in all stages of a topographic survey from field data collection to final deliverables preparation according to the LADOTD's Location and Survey Manual. Jean is experienced in the use of cutting-edge technology such as terrestrial and mobile LIDAR methods for collecting topographic and structural data in an efficient and safe manner.

Project Experience

Rural Bridge Replacement Initiative Phases I & II (87 bridge structures); LADOTD; Statewide, LA– Survey Project Manager. Coordinated field crews, processed data daily, and provided QA/QC of deliverables. TBS performed control, topographic, and right of way surveys for the replacement of 87 bridge structures in central and northern Louisiana. Data was captured to detail the existing bridges themselves, roadways on either side, and surrounding terrain to ensure proper tie into to existing surfaces. Cross sections of the channels they cross were also surveyed to provide information for hydraulic modeling. Data is then processed and QA/QC'd and coordinated with in house engineers designing the replacement bridges. Property surveys of affected tracts of land were also surveyed for any takings or servitudes, and these lines portrayed on Right of way maps.

LA 91: Bayou Plaquemine Brule Bridge Replacement; LADOTD; Estherwood, LA – Survey Project Manager. Performed data processing, project QA/QC and management for Topographic Survey.

US 90: Pearl River Bridges (HBI); LADOTD; Orleans Parish, LA – Survey Project Manager. Performed data processing, project QA/QC and management for Topographic Survey, Mobile LiDAR Scanning project.

LA 23: Belle Chasse Bridge & Tunnel (HBI); LADOTD; Belle Chasse, LA – Survey Project Manager. Performed data processing, project QA/QC and management for Topographic Survey.

Keller Street Bridge Replacement; St. Tammany Parish Government; St. Tammany Parish, LA – Survey Project Manager. Performed field crew coordination, data processing, project QA/QC and management for Topographic Survey. Project involves the replacement of a bridge on Keller St.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Rene Hebert, PLS, PMP*Lead Professional, Survey*

Project Assignment:

Professional Surveyor

Name of Firm with which associated:



Years' experience with this Firm:

17 years with this firm | 2 years with other firms

Education: Degree(s)/Year/Specialization:

Bachelor of Science/2008/Geomatics

Active registration: Year first registered/discipline:

LA PLS. 5070/2011/Land Surveyor

LA PMP 3150916/2021/Project Management Professional

Other experience and qualifications relevant to the proposed Project:

Rene has served as Survey Lead Professional of numerous survey projects where he has been responsible for overseeing and executing the technical aspect of surveying projects including producing and revising drawings, sketches, and plans for contract documents and QC/QA of surveying services. He coordinates work among project technicians, field crew coordinator, field survey personnel, and other required professionals working on the project. Rene has gained valuable experience surveying the environment of south Louisiana including topographic, boundary and GPR surveys and underwater acoustic hydrographic surveys including multi-beam, single beam, side scan sonar, acoustical soundings, magnetometry and other bathymetric surveys for industrial, government and private clients.

Project Experience**Bridges near Grand Isle, LA 1; LADOTD; Lafourche and Jefferson Parishes, LA** – Supervising Surveyor.

Supervised property surveys and right of way surveys for the removal of three bridge structures located along LA 1 in Jefferson and Lafourche Parishes near the town of Grand Isle.

Jefferson Parish Water Tower Surveys; Jefferson Parish Government; Jefferson Parish, LA – Lead Professional.

Rene oversaw the team responsible for scanning the water towers with UAV mounted LiDAR to provide Jefferson Parish a schematic showing the nominal dimensions of the towers for the painters to know how much material was needed and how large to make the murals they were going to paint on them.

Metairie Marsh Hydrographic Survey; Jefferson Parish Government; Jefferson Parish, LA – Lead Professional

Supervised the team that performed hydrographic survey of the Lake Pontchartrain shoreline and surrounding areas.

Rural Bridge Replacement Initiative Phases I & II (87 bridge structures); LADOTD; Statewide, LA – Supervising

Surveyor. Responsible for overseeing topographic surveys, crew coordination, oversight of data processing, TBS performed control, topographic, and right of way surveys for the replacement of 87 bridge structures in central and northern Louisiana. Data was captured to detail the existing bridges themselves, roadways on either side, and surrounding terrain to ensure proper tie into to existing surfaces. Cross sections of the channels they cross were also surveyed to provide information for hydraulic modeling. Data is then processed and QA/QC'd, and coordinated with in house engineers designing the replacement bridges. Property surveys of affected tracts of land were also surveyed for any takings or servitudes, and these lines portrayed on Right of way maps.

Cane River Bridge at Church Street, Route LA 1; LADOTD; Natchitoches Parish, LA – Supervising Surveyor.

QA/QC and supervising surveyor for topographic and underwater acoustic hydrographic surveys including multi beam, sub bottom profile and magnetometer surveys of the existing swing span bridge and location of piers for the previous swing span bridge including data processing and deliverable preparation for the movable bridge replacement in downtown Natchitoches, LA.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Anthony Burns

Project Manager

Project Assignment:

Survey Technician

Name of Firm with which associated:



Years' experience with this Firm:

3 years with this firm | 19 years with other firms

Education: Degree(s)/Year/Specialization:

N/A

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

Anthony Burns has over 21 years of experience as a rodman, party chief, and project manager with numerous LA DOTD and City-Parish projects involving topographic, right of way, and boundary surveys. His experience includes conventional and terrestrial LiDAR, and mobile LiDAR scanning. He is thoroughly familiar with LA DOTD Location and Survey Procedures, manuals, and software programs with respect to all requirements. He manages our survey field crews and equipment. He holds ATSSA Traffic Control Technician (TCT), Traffic Control Supervisor (TCS), and Flagger certifications, and is TWIC and OSHA certified.

Project Experience

LA 3127 Extension (LA 70 to LA 1); Ascension Parish Government; Ascension Parish, LA – Survey Technician. Responsible for review topographic survey and documents.

Rural Bridge Replacement Initiative Phases I (47 bridge structures); LADOTD; Districts 04,05, 08, 58 – Survey Technician. Responsible for review of right of way maps and plans.

S.P. No. H.014264 LA 556: Bridges Near Choudrant; LADOTD; Jackson and Lincoln Parishes, LA – Project Manager. Performed data processing, title research and project QA/QC for Property Surveys and Right of way Maps.

S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA – Project Manager. Responsible for field crew oversight and data processing and review. Performed Topographic survey for the design and construction of a roundabout at the intersection LA 447 and LA 1025 near Walker, Louisiana.

IIJA Off-System Bridge Replacement Program; Contract No. 44-25027; LADOTD; Statewide – Project Manager. Assisted in the completion of topographic surveys, property surveys, and right of way maps for the replacement of 12 bridges. Assisted with field crew coordination, data processing, project QA/QC, and deliverables preparation. Surveys were performed to LADOTD Location and Survey standards.

North Sherwood Blvd. Improvements – Party Chief. Project for Professional Engineering Consultants – Topographic Survey, Property Survey, and Right-of-Way Maps.

US 190 Guardrail/Rutting Rep. (Phase I) – LA DOTD Project No. H.011224 – Project Manager / Field Crew Manager. A topographic survey was done along five portions of US 190. The project was located in Pointe Coupee Parish from LA 1 westward approximately 18.5 miles to the east side of the Atchafalaya Bridge.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Ryan DiSalvo, PLS

Project Surveyor

Project Assignment:

Survey Technician

Name of Firm with which associated:



Years' experience with this Firm:

8 years with this firm

Education: Degree(s)/Year/Specialization:

Bachelor of Science/2023/Geomatics

Active registration: Year first registered/discipline:

LA PLS 5326/2019/Land Surveyor

Other experience and qualifications relevant to the proposed Project:

Ryan DiSalvo, PLS is licensed as a Professional Land Surveyor in Louisiana. His duties include calculating, analyzing, organizing, coordinating, and researching information, preparing drawings, and providing the necessary CAD and technical support to complete the survey effort.

Project Experience

Kenner Discovery Sidewalks; City of Kenner; Jefferson Parish, LA – Senior Project Technician. Provided technical survey support for the construction of a concrete sidewalk around the Kenner Discovery Health Sciences Academy.

IDIQ Surveying Services Statewide; LADOTD; Statewide, Louisiana – Senior Project Technician. Provided technical survey support.

N. Columbia St. Bridge Replacement; City of Covington, St. Tammany Parish, LA – Senior Project Technician. Provided technical survey support.

MA-22-01, LA 73 Bluff Rd Connector; Ascension Parish Government; Ascension Parish, LA – Senior Project Technician. Data processing using Microstation/Inroads and DOTD coding for topographic surveys, title take offs, processing, analyzing and calculating property surveys, and assisted with preparation of base and final right of way maps for the roundabout project.

H.009892 LDRR (New Iberia) US 90 Frontage Road – Survey Technician. Data processing. TBS provided surveying services of a +/- 12-acre site near the intersection of US 90 and LA 329. A topographic survey and existing drainage study were required for the design and construction of a roadway extending the US 90 Frontage Road across the LDRR.

MA-17-01, Roddy Road @ LA 621 Roundabout, Ascension Parish – Survey Technician. Provided technical survey support for topographic surveys, property surveys and right of way mapping for the Roddy Road at LA 621 Roundabout project. This project includes approximately 0.34 miles of roadway reconstruction and roundabout intersection improvements at the intersection of LA 621 and Roddy Rd. in Gonzales, LA.

Contract 4400019336 – Rural Bridge Replacement Initiative Phase 2 (40 bridge structures), Districts 04 & 05 (LADOTD) – Survey Technician. Provided technical survey support for the 40 bridge replacements structures.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Branden Kinnaird

Party Chief

Project Assignment:

Survey Crew Party Chief

Name of Firm with which associated:



Years' experience with this Firm:

3 years with this firm | 4 years with other firms

Education: Degree(s)/Year/Specialization:

N/A

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

Branden Kinnaird has extensive experience performing surveys according to the LADOTD Location and Survey Manual. He has a thorough understanding of LADOTD feature coding, control setting procedures, and data collection methodology. Branden has utilized conventional surveying equipment, Real-Time Kinematic GPS equipment, and terrestrial LIDAR for field data collection. In addition to his topographic survey experience, Branden is also very familiar with the principles and procedures for boundary surveying. He has been involved in projects on the state and local levels, as well as for private clients.

Project Experience

IIJA Off-System Bridge Replacement Program; Contract No. 44-25027; LADOTD; Statewide – Party Chief.

Laramey established project control, performed topographic surveys and recovered boundary monumentation for the development of Right-of-Way maps. Surveys were performed to LADOTD Location and Survey standards for the replacement of 12 bridges.

S.P. No. H.014264, LA 556: Bridges Near Choudrant; LADOTD; Jackson and Lincoln Parishes, LA – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.

S.P. No. H.014238, LA 818: Barnet Springs & Creek Bridges; LADOTD; Lincoln Parish, LA – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.

S.P. No. H.014239, LA 589: Alligator Bayou Bridge; LADOTD; West Carroll Parish, LA – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.

Contract 4400019336 – Rural Bridge Replacement Initiative Phase 2 (40 bridge structures), Districts 04 & 05 (LADOTD) – Topographic Survey Survey Crew-Party Chief. Control Establishment, Topographic Survey Data Collection.

S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA – Party Chief. Responsible for establishing project control and collecting topographic and drainage data for the design and construction of a roundabout at the intersection LA 447 and LA 1025 near Walker, Louisiana.

S.P. No. H.014414, LA 22: Bedico Creek – Pine Creek, St. Tammany & Tangipahoa Parishes, LA – Survey Crew Party Chief. Established project control and performed topographic survey, including development of an existing drainage map, for the widening of LA 22 near Madisonville, Louisiana.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Derek McGehee

Party Chief

Project Assignment:

Survey Crew Party Chief

Name of Firm with which associated:



Years' experience with this Firm:

3 years with this firm | 1 year with other firms

Education: Degree(s)/Year/Specialization:

N/A

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

Derek McGehee is a Party Chief located in the TBS Baton Rouge office. Derek has experience performing surveys according to the LADOTD Location and Survey Manual. He has a thorough understanding of LADOTD feature coding, control setting procedures, and data collection methodology. Derek has utilized conventional surveying equipment, Real-Time Kinematic GPS equipment, and terrestrial LiDAR for field data collection. In addition to his topographic survey experience, Derek is also familiar with the principles and procedures for boundary surveying. He has been involved in projects on the state and local levels, as well as for private clients.

Project Experience

IIJA Off-System Bridge Replacement Program; LADOTD; District 08 – Party Chief. Derek established project control, performed topographic surveys and recovered boundary monumentation for the development of Right-of-Way maps. Surveys were performed to LADOTD Location and Survey standards for the replacement of 12 bridges.

Contract 44-19336, Rural Bridge Replacement Initiative, Ph II (40 bridge structures); LADOTD; Districts 04 & 05 – Party Chief. Derek established project control, performed topographic surveys and recovered boundary monumentation for the development of Right-of-Way maps. Surveys were performed to LADOTD Location and Survey standards for the replacement of 47 bridge structures in Northern Louisiana.

LA 3211 Yokley Road: Roundabout; LADOTD; St. Mary Parish, LA – Party Chief. Derek established project control and performed topographic survey, including development of an existing drainage map, for the design and construction of a roundabout at the intersection of LA 3211 and Yokley Road in Franklin, Louisiana.

S.P. No. H.014414, LA 22: Bedico Creek – Pine Creek, St. Tammany & Tangipahoa Parishes, LA – Party Chief. Derek established project control and performed topographic survey, including development of an existing drainage map, for the design and construction of a roundabout at the intersection of LA 1077 and Brewster Road near Madisonville, Louisiana.

S.P. No. H.015555, LA 1077 & Brewster Rd Roundabout; LADOTD / St. Tammany Parish; Madisonville, LA – Party Chief. Derek established project control and performed topographic survey, including development of an existing drainage map, for the widening of LA 22 near Madisonville, Louisiana.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Stephen Walker, PE

Project Engineer

Project Assignment:

Structural Engineer

Name of Firm with which associated:



Years' experience with this Firm:

8 years with this firm

Education: Degree(s)/Year/Specialization:

Bachelor of Science/2016/Civil Engineering

Active registration: Year first registered/discipline:

LA PE 45568/2016/Professional Engineer

Other experience and qualifications relevant to the proposed Project:

Stephen Walker is a professional engineer and is primarily responsible for providing advanced technical support in the development/design of assigned engineering projects, including assisting the design engineer and project manager in the development and design of project plans, specifications, and estimates. He has provided support in TBS' engineering discipline by calculating, analyzing, organizing, coordinating, and researching information, preparing drawings, and generally providing the necessary CADD support to complete the engineering design effort.

Project Experience

Lakeside Flood Control Structure, St. Mary Parish, LA - Project Engineer. Performed sheet pile and swing gate 50% analysis and design calculations and reviewed tie-back bulkhead 50% design calculations. Bayou Chene Flood Protection Structure, St. Mary Levee District, St. Mary Parish, LA - Engineer Intern. Reviewed and assisted with design, quantity calculations, and cost estimates for protection systems, including flood wall and guide wall.

Houma Navigation Canal Lock Complex, Terrebonne Levee District, Houma, LA - Project Engineer. Walker has been involved with the project since 2017 where he assisted the senior structural design engineer with the design of various flood control structures. His work on this project has continued through the following phases of design, where he took charge of several designs, including bulkhead design.

Bayou Chene Flood Control Structure, St. Mary Parish, LA - Engineer Intern. Reviewed design criteria for the flood wall and guide wall and performed protection systems quantity calculations and cost estimates.

Mid-Barataria Sediment Diversion, CPRA, Plaquemines Parish, LA - Project Engineer. Walker has been involved with the project since 2018 where he began as an Engineer Intern assisting with design of flood protection systems. His work on this project has continued through the following phases of the project's design.

Morgan City Pump Station, St. Mary Parish, LA - Project Engineer. Reviewed pump station design calculations through 100% Design, and reviewed and adjusted pump station design changes prior to and during construction of pump station.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Brian Raef, PE,SE

Lead Professional Engineer

Project Assignment:

Structural Engineer

Name of Firm with which associated:



Years' experience with this Firm:

3 years with this firm | 15 years with other firms

Education: Degree(s)/Year/Specialization:

Bachelor of Science/2007/Civil Engineering

Active registration: Year first registered/discipline:

LA PE 37193/2012/Professional Engineer

Other experience and qualifications relevant to the proposed Project:

Brian has 18 years of experience as a civil and structural engineer. He has designed roads, drainage, railroads, and blast-resistant buildings, analyzed existing structures, and created drawings in AutoCAD. He has also managed teams of civil and structural engineers and designers, completed various stage estimates, and provided project man-hour service estimates. He coordinates team efforts for various pump stations, drainage projects, and flood control structures. Brian ensures compliance with technical standards for projects while overseeing the engineering design of the structures

Project Experience

Houma Navigational Lock Complex, Terrebonne Levee & Conservation District, Terrebonne Parish, LA – Lead Structural Engineer. Brian is responsible for directing the project planning, coordinating team efforts, and ensuring compliance with technical standards and regulations. He is in charge of the structural engineering and design of several components of the lock complex, including the T-wall, bulkhead, bridge, and lock chamber for this large-scale, long-term protection and restoration feature that has been proposed as a part of the Morganza to Gulf of Mexico Project.





Mid-Barataria Sediment Diversion, Coastal Protection and Restoration Authority, Plaquemines Parish, LA – Lead Structural Engineer. Brian directs the project planning, coordinates team efforts, and ensures compliance with technical standards and regulations. He oversees the development of a Sediment Monitoring Plan and execution of the Plan, marsh creation design utilizing Beneficial Use of Material, design of the outfall transition from the conveyance channel into the basin, and structural design of wing walls at the intake and back gate structure.

Dock Yard Improvements, Morrison Energy Group, Houma, LA – Project Manager. Brian coordinated the parking lot layout with the crew and client, researching historical information and putting together a new base drawing and a new parking lot design. He provided design specifications for redoing the layout on the south end to allow for different trailer lengths, and revised drawings to include the rows. Brian revised the drawings to show the new building layout due to the revised utility ROWs. Brian also updated the drainage and trench plans and was responsible for all deliverables to the client.

TEC Professional Services Questionnaire

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.


PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Bucktown Boardwalk & Marsh Overlook</p> <p>Jefferson Parish, LA</p> <p><i>Jefferson Parish Government</i> Mark Drewes 1221 Elmwood Pk. Blvd. Suite 802 Jefferson, LA 70123 504.736.6500</p> <div style="display: flex; flex-direction: column; align-items: center;">    </div> <p style="text-align: center;"><i>Bucktown Boardwalk & Marsh Site Photos</i></p>	<p>The Jefferson Parish Department of Environmental Affairs along with the Coastal Management Department of Jefferson Parish is looking to renovate the Bucktown Harbor. This Boardwalk will be the first phase of these proposed renovations to the harbor. The proposed plan is to build a boardwalk that is 8 feet wide and 928 feet long, along the western edge of the Harbor's property that extends into Lake Pontchartrain. This proposed boardwalk will have two eastern facing observation decks that will extend into the interior marsh. The two eastern facing decks will have benches and bird blinds. There are also two proposed 16-foot x 24-foot western facing observation decks with benches that will extend from the boardwalk into the lake. On the northern end of the boardwalk there is a proposed kayak launch.</p> <p>TBS conducted a topographic survey of existing interior marsh area and lake edge. This work was performed strictly on foot as not to disturb the vegetation in the interior marsh or the lake edge. TBS collected elevation data on a 50-foot grid through the marsh area. In the area of the proposed interior decks, TBS collected elevation data on a 25-foot grid. TBS also provided a detailed survey of an existing water feature that connects the interior marsh with the lake, and cross-section of the existing rip-rap that runs along the lake shoreline. In specified locations TBS extended these cross sections into the lake to locate the end of the submerged rip-rock.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> Topographic Surveys Control Points OPUS Data Processing <div style="text-align: center;">  <p style="text-align: center;"><i>Bucktown Boardwalk & Marsh Site Photos</i></p> </div>	
<p>Completion Date (Actual or estimated):</p>	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018 (Actual)	N/A	\$7,650 (surveying fees)

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. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Bucktown Harbor Survey Services Jefferson Parish, LA</p> <p>Jefferson Parish Government Mark Drewes 1221 Elmwood Pk. Blvd. Suite 802 Jefferson, LA 70123 504.736.6500</p>  <p><i>Bucktown Harbor Vision Plan (image credit: bucktownharbor.com)</i></p>	<p>Bucktown Harbor is a partially reclaimed stretch of 30+ acres of lake bottom which forms a protected harbor on the south shore of Lake Pontchartrain in Metairie, LA. Currently a home base for the U.S. Coast Guard Station New Orleans and serving as a recreational and commercial fishing marina, the Harbor is largely undeveloped. This property provides opportunity to develop a vibrant waterfront gathering place, rich with tradition and honoring the history of the community. Future plans for the property include modification of the harbor entry, additional boating docks, terraced lawns, an educational marsh boardwalk and fishing pier, among other features.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> • Site-wide topographic land surveying <ul style="list-style-type: none"> › 36-acre Topographic Survey › Utilities Mapping › Elevation Grid of Marsh Area • Single-Beam Hydrographic Survey <ul style="list-style-type: none"> › Inner Harbor › Pump Station Discharge Area › Lake Pontchartrain Shoreline from Harbor to Causeway Bridge • Multi-Beam Hydrographic Survey <ul style="list-style-type: none"> › Harbor Entrance › Pump Station Discharge Area • 6(f) Boundary in Accordance with LWCF Guidelines • Shoreline Erosion Assessment <ul style="list-style-type: none"> › Aerial LiDAR › Traditional Topographic Survey › Bathymetric Survey 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019 (Actual)	N/A	\$128,950

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. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Eastbound West Esplanade Avenue Restoration (Tartan Drive to Haring Road) Jefferson Parish, LA</p> <p>Jefferson Parish Government Mark Drewes 1221 Elmwood Pk. Blvd. Suite 802 Jefferson, LA 70123 504.736.6500</p> <div style="display: flex; flex-direction: column; align-items: center;">    </div> <p><i>Eastbound W. Esplanade Ave. Restoration Site Images</i></p>	<p>The eastbound lanes of West Esplanade Avenue between Tartan Drive and Haring Road were in less-than-desirable condition due to general wear and tear, various patch repairs and the overall age of the roadway. Jefferson Parish contracted TBS to design the reconstruction of the roadway to like-new condition.</p> <p>In addition to designing the general removal and replacement of 9-inch concrete along the half-mile roadway segment, the project includes roadway profile adjustments to optimize driver comfort, upgrade of three cross drains to 42-inch RCP, heavy duty curbing, adjustment of various catch basins and manholes, ADA compliant handicap accessible curb ramps and sidewalk improvements, driveway removal and replacement, median drainage improvements, and relocation of street lighting.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> Engineering Services Construction Cost Estimating Resident Inspection Topographic Survey 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 (Actual)	\$1,800,000 (construction)	\$144,000 (engineering & surveying fees)

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. 4

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>2021 IDIQ Contract for Professional Surveying Services Statewide LA</p> <p><i>Louisiana DOTD Steve Leblanc, PLS. P.O. Box 94245 Baton Rouge, LA 70804 225.379.1956</i></p> <div style="display: flex; justify-content: space-around;">   </div> <p><i>LADOTD Statewide Survey Retainer. Top: LDRR Survey (New Iberia). Bottom: Bedico Creek Survey</i></p>	<p>TBS was selected for a statewide surveying retainer contract in late-2021 with the concentration of the work to be in Districts 02, 61 and 62. Under this contract, TBS performs topographic surveying for LADOTD projects statewide. The limitation for fees is \$5 Million under this professional services contract, and projects are initiated via task order. TBS completes all deliverables using Microstation and Inroads as certified by CADconform. Some of the projects are listed below:</p> <p>S.P. No. H.009892 – LDRR (New Iberia) US 90 Frontage Road, Iberia Parish – This project was located in Iberia Parish, LA at the intersection of US 90 and LA Hwy 329, north of US 90, and along US 90 Frontage Rd and LA 329. The projects objective was to connect the US 90 Frontage Road across LA 329 and the existing Louisiana and Delta Railroad (LDRR). A complete topographic survey including all utilities with depths and all drainage was required, along with finish floor elevations of all buildings that fall within the survey limits. Topographic Survey 100% complete.</p> <p>S.P. No. H.014414 – LA 22: Bedico Creek – Pine Creek, St. Tammany & Tangipahoa Parishes– This project is located in St. Tammany & Tangipahoa Parishes, Louisiana, along LA Hwy 22, approximately between Bedico Creek and Autumn Creek Drive. It is part of the Transportation Improvement Program widen and improve intersections. A complete Topographic survey including all utilities with depths and all drainage was required, along with finish floor elevations of all buildings that fall within the survey limits. The main corridor for this project is approximately 4.5 miles along a high traffic highway with a heavily wooded right of way. The width of the survey and DTM is a total of 140', 70' each side of the project centerline. The project also included the topographic survey for the design of a possible roundabout at Trepagnier Road. Topographic Survey 85% complete.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> Field Survey Topographic Survey 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2026 (Estimated)	N/A	\$547,000 (To-Date)

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.5



Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Eastbound West Esplanade (Transcontinental to Causeway) Survey Jefferson Parish, LA</p> <p>Jefferson Parish Government Mark Drewes 1221 Elmwood Park Blvd. Suite 906 Jefferson, LA 70123 504.736.6833</p>	<p>The eastbound lanes of West Esplanade Avenue from Transcontinental Drive to Hudson Street, and Cleary Avenue to Severn Avenue are in need of rehabilitation due to general wear and tear resulting in heavy use. The existing road surface is covered in patches due to spot repairs over time, creating an uneven driving surface. Jefferson Parish contracted TBS to restore and rehabilitate the roadway to a like-new condition.</p> <p>TBS began by performing a detailed survey of the road surface along the desired stretches to provide designers with an existing profile of the road. Along with the existing road surface, utility information, drainage structures, sidewalks, and any other miscellaneous improvements were also collected so the designers would have a complete picture of the roadway corridor. These elements were then processed and displayed in plan and profile sheets that could be used as the basis of the construction plans by the designer.</p> <p>Engineering design of the roadway is currently underway.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> • Topographic Survey • Engineering Services • Construction Plans 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 (Actual)	N/A	\$63,675



Eastbound West Esplanade (Transcontinental to Causeway) Aerial View

TEC Professional Services Questionnaire

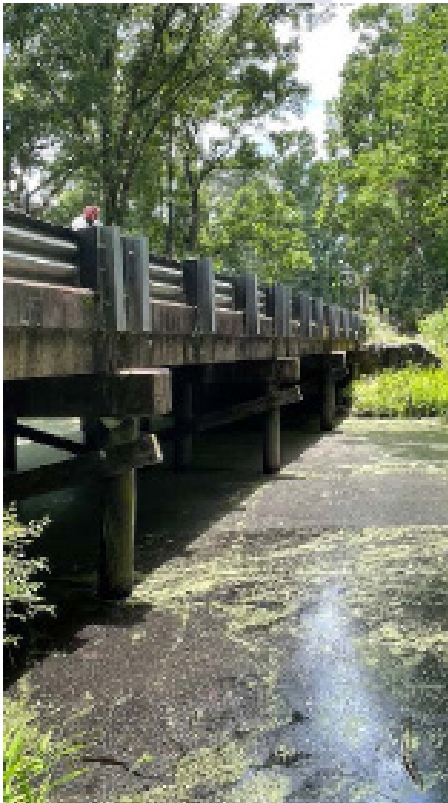

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Fourchon Yard Hurricane Ida Repair Lafourche Parish, LA</p> <p>InterMoor, Inc. Carrie Adams 985.385.3083 carrie.adams@intermoor.com</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;">   </div>	<p>TBS provided Engineering, Surveying and Project Management services related to damages sustained during Hurricane Ida at InterMoor's Port Fourchon Dock.</p> <p>Storm damaged infrastructure repairs included removal and replacement of approximately 3970 linear feet of security fencing and associated gates, posts, and mechanical items. The cost of the fencing repairs was approximately \$228,000. This work was completed in early 2023.</p> <p>Two existing warehouses (each approximately 8000 square feet) sustained damage to the exterior sheet metal cladding and the existing roll up doors. Interior damage included warehouse lighting, HVAC systems and a mezzanine office area in the North Warehouse. The cost of the repairs to the two warehouses is approximately \$1,120,000.00.</p> <p>The existing yard lighting (20 light poles and 96 light fixtures) sustained significant damage, requiring the replacement of all lamps, several support brackets, and some buried conductors. This work was completed in August of 2023 at a cost of \$252,200.00.</p> <p>Two existing modular buildings sustained substantial damage during Hurricane Ida. Both buildings are to be replaced with new similar modular units and associated foundations, stairways, and concrete pads. The estimated total cost of the new 3600 SF Office building is \$1,077,000.00. The total estimated cost of the new modular bunkhouse building is \$685,000.00.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> Project Management Surveying Civil Engineering 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024 (Actual)	\$3,110,000	\$540,000

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. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>IIJA Off-System Bridge Replacement Program Sabine, Vernon, Natchitoches, Winn, Grant, Rapides, & Avoyelles Parishes, LA</p> <p>Louisiana DOTD Brian Allen 1201 Capitol Access Road Baton Rouge, LA 70804 225.379.1840</p> 	<p>The IIJA Off-System Bridge Replacement Program was a program created with the signing of the Infrastructure Investment and Jobs Act (IIJA) to increase federal funding to replace rural bridges that are in fair or poor condition. DOTD awarded TBS with the IIJA bridge contract for District 08, which allocated approximately \$29 million to cover engineering services, construction, environmental, right-of-way acquisitions, utility relocations and construction support services.</p> <p>TBS conducted an initial screening phase, which evaluated 74 bridges that were identified by DOTD as being in either fair or poor condition. TBS coordinated with all 7 parishes in the district in order to establish the parishes' priority in which bridges should be selected. Once the initial screening phase was complete, TBS delivered a Selected Structures List to DOTD for consideration. This phase resulted in 12 structures being selected, which included 9 state projects.</p> <p>TBS serves as the prime consultant on this contract and is responsible for road and bridge design services including horizontal and vertical alignments, hydraulic and hydrologic analysis, cross sections, geometric details, sequence of construction, temporary erosion control, and cost estimation. TBS also provides topographic surveying services, environmental permitting, and right-of-way services.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> • Bridge Design • Roadway Design • Environmental Survey • Permitting • Topographic Survey  	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
08/2027 (Estimated)	\$17,750,000 (Estimated)	\$17,750,000 (Estimated)

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. 8

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Tiger Drive Bridge Over Bayou Lafourche Bridge Replacement Lafourche Parish, LA</p> <p>Louisiana DOTD Gary Pentek, PE 1201 Capitol Access Road Baton Rouge, LA 70804 225.379.1047</p> 	<p>The Tiger Drive Bridge was a 1970's 9-span pre-cast bridge founded on timber piles in need of replacement due to being functionally obsolete, age, and location to nearby intersections and local businesses and schools. The narrow two-lane bridge was replaced with a three lane cast-in-place bridge which allowed for left turn lanes on the structure to better serve the nearby intersections of LA 308 and LA 1. The structure's design also required curved spans at the end bridge to accommodate intersection radii and special extended bents to support an aerial crossing of a 16" water main for the City of Thibodaux. Approximately 3100 square feet of steel sheet pile bulkhead was installed to accommodate existing and proposed revetment placement. The total project length was approximately 400 feet. TBS was responsible for the design of all special bridge elements (bents, spans, rails, and approach slabs) and the steel sheet pile bulkhead in accordance with LRFD design procedures. CE&I services for this project included reviewing submittals and RFI's related to the construction of the bridge and roadway for compliance with the plans, specifications, and applicable design guidelines. TBS provided on-site project representation to record all daily work items and to ensure hose contract items were installed in accordance with the plans and specifications. The TBS CE&I team made site visits and offered guidance when technical difficulties with steel erection, concrete construction, or pile driving difficulties presented themselves. TBS coordinated with contractors, the owner's representatives, and other technical personnel to enable the bridge and roadway to be constructed according to the contract documents and within time limitations and budget.</p> <p>TBS was responsible for topographic surveying, preliminary and final plans, geotechnical investigation and design, and environmental surveys/ documentation, including USACE and Coastal Zone permitting through LADOTD. TBS was responsible for the design of all special bridge elements (bents, spans, rails, and approach slabs) and the steel sheet pile bulkhead in accordance with LRFD design procedures. TBS also provided right of way mapping, property surveys, and utility design and relocation coordination for the City of Thibodaux. TBS also served as the prime consultant for the 2022 rehabilitation project for this bridge after it was struck by a vessel. TBS managed the rehabilitation plans and oversaw the construction effort to fortify the existing concrete pile and bent.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
12/2014 (Actual)	\$1,856,577	\$1,856,577

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. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Rural Bridge Phases I & II Statewide, LA</p> <p>Louisiana DOTD Gary Pentek, PE 1201 Capitol Access Road Baton Rouge, LA 70804 225.379.1047</p> <div style="display: flex; flex-direction: column; align-items: center;">   </div>	<p>As part of an overall effort by LADOTD to reduce the amount of structurally deficient bridges throughout the state as part of meeting FHWA metrics, LADOTD contracted TBS for the Rural Bridge Replacement Initiative, Phase I and Phase II projects, which replaced 87 bridge structures in 14 Parishes, primarily in North & Central Louisiana.</p> <p>The consultant contract was a complete turnkey project, and as the Prime Consultant, TBS is responsible for nearly all contract services, including inspection, surveying, ROW, Preliminary and final bridge plans, preliminary and final roadway plans, construction services, scour analysis, hydraulic analysis, load rating and permanent signing for all 87 structures. TBS coordinates geotechnical investigation and design using sub-consultants. The replacement structures include box culverts, Reinforced Concrete Slab Spans, and Louisiana Girder (LG) span bridges on PPC piles having clear widths ranging from 24' to 40' wide.</p> <p>TBS also manages and delivers this extensive project by issuing twenty-seven (27) individual and concurrent State Project Numbers/Plan sets. Phase I, which includes 47 bridge structures, was expedited short of a typical 3-4 year timeline for this extensive scope of work, and LADOTD was scheduled to let all bridge structures during Federal FY 22-23. Therefore, replacement plans for all 47 bridge sites were due within 21 months, including surveying, geotechnical, design, and plan development. Even with this extremely aggressive schedule, TBS met its initial commitment and delivered Final Plans on 15 out of 15 of the state projects by June 2022. Phase II, which includes 40 bridge structures, is ongoing, with over half of the state projects being submitted as of May, 2024.</p> <p>Services Provided:</p> <ul style="list-style-type: none"> Bridge Design Roadway Design Survey Hydraulic Analysis Environmental Services 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
11/2027 (Estimated)	\$197,630,000 (Estimated)	\$192,450,000 (Estimated)

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. 10

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Roddy Road Widening Ascension Parish, LA</p> <p>Ascension Parish Government Daniel Helms 42077 Churchpoint Rd Gonzales, LA 70737 225.450.1320</p>   	<p>As part of Ascension Parish's Move Ascension Transportation Program, TBS was selected as the prime consultant for the Roddy Road Safety Widening project from LA 935 to LA 621. The project includes 1.5 miles of roadway widening from the existing 10' travel lanes and minimal shoulders to 12' travel lanes with four-foot shoulders and associated roadside ditch improvements. The existing Roddy Road Bridge over Black Bayou will be replaced with a six-span concrete bridge having a 32' clear width to match the new roadway section. All portions of Roddy Road will be reconstructed due to poor existing pavement and base. As a part of the overall design, TBS provided intersection design for four intersections through the project length, including one state highway intersection at LA 934 which was designed as a four-way stop.</p> <p>TBS is the prime consultant on this project and is responsible for all roadway design aspects including intersection design, widening & reconstruction, drainage design, horizontal and vertical geometric layout, pavement design, intersection grading, and pavement marking and permanent signing layout design. TBS is also responsible for all bridge design including superstructure, substructure and approach slab elements. TBS' scope of work also includes setting survey horizontal and vertical control network, performing all topographic surveys, Subsurface Utility Engineering (Quality Levels D-A), property surveys, Right of Way Mapping, utility relocation coordination, traffic management plans and bidding assistance. TBS submitted 95% Final Plans on 6/2018, and at the Parish's direction, is currently awaiting the relocation of utilities prior to finalizing the 100% Final set.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018 (Actual)	\$10,000,000 (Estimated)	\$680,020 (Fees)

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. 11

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Morgan City East/West Dock Expansion St. Mary Parish, LA</p> <p>Morgan City Harbor & Terminal District Mac Wade 985.384.0850 ext. 105 mac@portofmc.com</p>  	<p>The Morgan City Harbor and Terminal District is currently expanding their current marine terminal facility along Bayou Shaffer in Morgan City. TBS is currently completing the construction oversite on the East Side Dock expansion and currently working on the design of the West Dock expansion project. Both projects are being funded by the LADOTD Port Priority Program and Louisiana Facility Planning and Control.</p> <p>TBS provided services for East Side Dock included Environmental permitting services, structural analysis and design of reinforced concrete piles and reinforced concrete dock structure, heavy duty concrete pavement section, grading and drainage design for transit loading and general cargo storage areas, storm drainage, geotechnical design, bid documents, bidding assistance, construction administration and on site project representation.</p> <p>The East Side Dock expansion adds a 40' x 300' long pile supported dock and an additional 25,000 SF of transient loading zones and cargo storage areas. The West Dock expansion is anticipated increase the current ship slip length and wharfage by approximately 1,000 linear feet and expand the land side cargo storage and staging area by approximately 6 acres.</p> <p>TBS is providing many of the same services as on East Side Dock. Services being proposed include Environmental permitting services, Geotechnical design and review, structural analysis of subsurface conditions, pile foundations, deep soil strengthening, reinforced concrete dock structure, heavy storage areas, storm drainage, site lighting, bid documents, bidding assistance, contract administration and on site project representation.</p> <p>The expansions of both the East and West Side Docks will allow the Morgan City Harbor and Terminal District to provide marine delivery of goods for loading and storage in South Louisiana that would have gone to other locations providing potential cost savings for the transportation companies and increases in revenue for the Port. In addition to marine and truck transportation, the Port has rail access adjacent to the dock facilities.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	N/A	\$445,000 (Fees)

TEC Professional Services Questionnaire

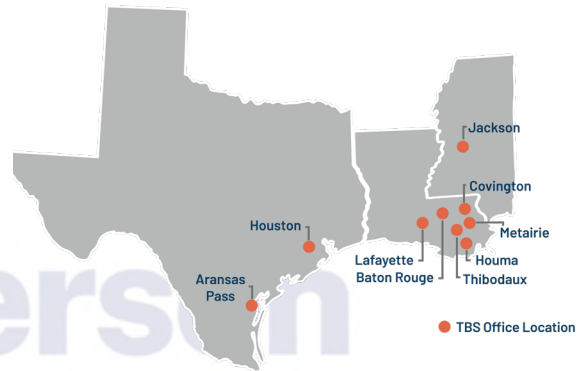
M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
Jefferson Parish Government	Swift Energy Operating, LLC; Double Eagle Marine, LLC; Tommie Vizier and Sons Towing Co, LLC; Premier Tugs, LLC; Daigle Towing Service, LLC; T. Baker Smith, LLC	Because TBS held a portion of the liability, Jefferson Parish offered a settlement, which we negotiated with them and which was approved by Jefferson Parish Council on April 30, 2014. Jefferson Parish prevailed in this litigation, which was settled out of court.

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

FIRM HISTORY

Established in 1913, T. Baker Smith, LLC (TBS) is a professional engineering, surveying, and environmental firm servicing nine office locations throughout the Gulf Coast region, including Metairie, Thibodaux, Houma, Baton Rouge, Lafayette, and Covington, Louisiana; Aransas Pass and Houston, Texas; and Jackson, Mississippi. TBS provides innovative civil engineering and design services for our clients, with our experience covering a broad range of public works, transportation, land development, industrial, pipeline, coastal, and facility projects. TBS has a multi-disciplined approach by having associates involved in all project phases by providing surveying, roadway and bridge design, inspection, and construction services offering a seamless, integrated effort, proven to deliver projects, on-time, every time.



TBS is recognized for consistently delivering sustainable projects that enhance and protect our communities. Leveraging superior, integrated services and leading-edge technology, TBS' award-winning team of professionals takes personal pride in developing customized solutions to a spectrum of challenges our clients face. We utilize multi-disciplined associates throughout project life cycles, which enhances collaboration and keeps projects moving.

PROFESSIONAL TRAINING AND EXPERIENCE

Our professionals hold degrees in geomatics, industrial technology, civil engineering, mechanical engineering, structural engineering, mechanical engineering technology, drafting and design technology, etc. All of our professionals have proper state registrations. These qualifications are exemplified in the resumes provided in Section K.

CAPACITY FOR TIMELY COMPLETION OF PROJECTS

TBS is committed to continuously improving project completion time and schedules. With approximately 300 associates and nine office locations firm-wide, we have sufficient staff and resources to handle the task associated with this RFQ. Our associates range from discipline leaders and lead professionals overseeing the quality of work, to project managers managing the project's progress, to project technicians and assistants providing advanced technical support to get the job done. Our integral approach to projects allows us to communicate, manage, and use resources from various office locations on a daily basis. Additionally, TBS continues to recruit and employ highly qualified professionals to ensure continued growth of the quality services we provide to our communities.

LOCATION OF THE PRINCIPAL OFFICE

TBS will manage projects resulting from this request from our Metairie, LA office located at 6660 Riverside Dr. Suite 101, Metairie, LA 70003. Additional support can be provided from our other office locations in Covington, Thibodaux, Houma, and Prairieville as needed.

TEC Professional Services Questionnaire

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

MINIMUM REQUIREMENTS

Requirement	TBS Associate
1. The persons or firm under consideration shall have at least One(1) principal who is a professional land surveyor, who shall be registered as such in Louisiana.	Kenneth Wm. Smith, PE, PLS, FACEC <i>Chief Executive Officer</i> LA PLS.4772 exp.: 9/30/2026
2. The persons or firm under consideration shall have a professional in charge of the project who is a professional land surveyor, who shall be registered as such in Louisiana, with a minimum of five (5) years of experience in the disciplines involved.	Jean L. Reulet III, PLS <i>Lead Professional Metairie Survey, Transportation Survey</i> LA PLS.4614 exp.: 3/31/2026
3. The persons or firms under consideration shall have one employee who is a professional land surveyor, who shall be registered as such in Louisiana in the field or fields of expertise required for the project (A sub-consultant may meet the requirement only if the advertised project involves more than one discipline.)	Rene Hebert, PLS, PMP <i>Lead Professional, Survey</i> LA PLS.5070 exp.: 3/31/2026 PMP.3150916 exp.: 10/16/2027

ADVERSARIAL LEGAL PROCEEDINGS

As described in Section M above, TBS was involved in a legal matter with Jefferson Parish that was settled in April of 2014.

PRIOR SUCCESSFUL COMPLETION OF PROJECTS

TBS' team of professionals has many years of experience working on surveying projects in Louisiana. Projects highlighted in Section L exemplify our history of similar project experience and include:

Eastbound West Esplanade Avenue Restoration (Tartan Drive to Haring Road) – TBS performed approximately 2,650 linear feet of topographic survey. In addition to designing the general removal and replacement of 9-inch concrete along the half-mile roadway segment, the project includes roadway profile adjustments to optimize driver comfort, upgrade of three cross drains to 42-inch RCP, heavy duty curbing, adjustment of various catch basins and manholes, ADA compliant handicap accessible curb ramps and sidewalk improvements, driveway removal and replacement, median drainage improvements, and relocation of street lighting.

2013 Retainer Contract for Professional Surveying Services – Statewide – TBS completed multiple Task Orders involving Topographic, Right of Way and Hydrographic surveying including S.P. No. H.009481: Bayou Chevrielle Bridge – LA Hwy 20 (Topo), S.P. No. H.008149: Pier 1 Removal (Leeville Bridge) – LA Hwy 1 (Hydrographic), S.P. No. H.011289: LA 70 Bypass (Detour Route) – LA Hwy 70 (Topo), S.P. No. H.001439, Bridges near Grand Isle, LA 1 (property and ROW); S.P. H.002381: LA 43 Creek Bridge near Albany (ROW).

FIRM SIZE

TBS currently has approximately 302 associates firm wide, our diverse project teams include professional land surveyors; offshore surveyors; planners; civil, structural, mechanical, coastal, and environmental engineers; environmental scientists; biologists; construction administrators; project representatives; and technical support personnel.

PAST PERFORMANCE ON PARISH CONTRACTS

Since establishing our office in Metairie, LA in 2015, **TBS has successfully completed 38 projects for Jefferson Parish Government, including transportation and civil engineering, surveying, and environmental tasks.** TBS has a vast resume of past roadway projects which include bridge design, structural design, roadway widening, roadway resurfacing, intersection improvements, roundabout design, roadway corridors with pedestrian and cycling access, and spot improvements. TBS employs additional surveyors, civil engineers, environmental scientists, and technical support staff to fully support the key staff in executing the work arising from this RFQ. A list of Past survey projects/tasks performed for Jefferson Parish include:

TEC Professional Services Questionnaire

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

Bucktown Harbor 6(f) Boundary Survey	Eastbound West Esplanade Survey (Transcontinental to Causeway)	Labarre Road Survey (Airline to Loumor)
Bucktown Harbor Survey	Bridge City Water Tower UAS Survey	Metairie Marsh Hydrographic Survey (Lake Pontchartrain – Bucktown to Bonnabel)
Bucktown Harbor Entrance Hydrographic Survey	Harvey Water Tower Survey UAS Survey	Lake Villa Pond Survey
Bucktown Harbor Transient Dock Survey	Lafitte Water Tower Survey UAS Survey	Bonnabel Shoreline Topographic Survey
Bucktown Harbor Shoreline Post-Zeta Assessment Survey	Marrero Road Water Tower UAS Survey	Duncan Pump Station Residence Construction Layout Survey
Bucktown Boardwalk Survey Services	Patriot Street Water Tower UAS Survey	4th Street Bike Path Survey
Eastbound West Esplanade Survey (Tartan to Haring)	Colonial Club Ditch Pumping Station Survey	Causeway Water Tower UAS Survey

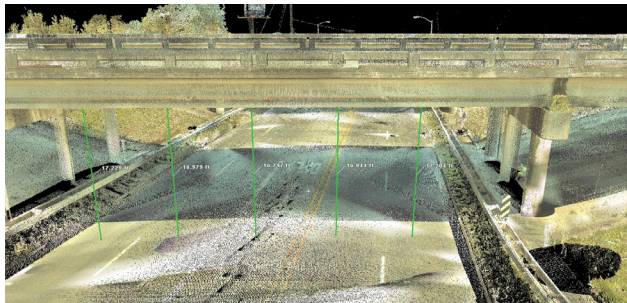
CONCLUSION

The foundation of our surveying and mapping practice is built around an appreciation of boundaries and the preservation of property rights. Since 1913, TBS has been surveying the land and waterways in and around our communities, bringing innovation, efficiency, and accuracy to every project.

With over a century of archived data, boundary records, and historical maps of the Gulf Coast region, TBS is able to raise the bar by utilizing the latest and most efficient methods for collecting and staking data points for property and topographic surveys. These methods range from conventional instrumentation to fully automated land- and aerial-based systems.

TBS has the resources and experience necessary to perform surveying services specific to this RFQ for Jefferson Parish. At TBS, our organization believes and is dedicated to the safety and well being of our community and the communities around us. We are dedicated to making the area we live in a better place and take great passion in doing what we can to help the citizens of south Louisiana.

Since 1913, TBS has provided public works solutions that improved the quality of life in the communities we helped build. With our 110 years of experience and passion for seeing our communities thrive, we ask for your trust in TBS to provide Jefferson Parish with integrated solutions for this projects.



TEC Professional Services Questionnaire

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

Signature: Brian E. Moldaner

Print Name: Brian E. Moldaner, MBA, PE

Title: Chief Growth Officer

Date: 03/07/2025






Marerro, Couvillon & Associates, LLC
Consulting Engineers

MCA Professional Licensure

LAPELS

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
Mr. Brian Thomas Miller	
License/Certificate Type - Number PE.0026080	
Status: Active	Exp Date: 09/30/2025

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
Mr. Maffitt Kimball Schlafly	
License/Certificate Type - Number PE.0027699	
Status: Active	Exp Date: 09/30/2026

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
Mr. Christian Stephen Schade	
License/Certificate Type - Number PE.0032483	
Status: Active	Exp Date: 09/30/2026

PROFESSIONAL ENGINEERING SERVICES
RELATED TO THE DESIGN AND CONSTRUCTION OF
THE AMES BOULEVARD LIGHTING PROJECT




PROFESSIONAL LICENSES

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

Mr. Kenneth William Smith

License/Certificate Type - Number
PLS.0004772


Status: **Active** Exp Date: **09/30/2026**

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

Mr. Jean Louis Reulet III

License/Certificate Type - Number
PLS.0005145

Status: **Active** Exp Date: **03/31/2026**

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

Mr. Rene James Hebert

License/Certificate Type - Number Expiration Date
PLS.0005070 **03/31/2026**

Status: **Active**

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

Mr. Ryan M. DiSalvo

License/Certificate Type - Number
PLS.0005326


Status: **Active** Exp Date: **03/31/2026**

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

Mr. Stephen Anthony Walker Jr.

License/Certificate Type - Number Expiration Date
PE.0045568 **09/30/2025**

Status: **Active**

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

Mr. Brian Robert Raef

License/Certificate Type - Number
PE.0037193

Status: **Active** Exp Date: **09/30/2026**



Mayor LaToya Cantrell
City of New Orleans

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Hon. Michael G. Bagneris
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Doug Thornton
Vice-Chairman

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Kevin C. Dolliole
Director of Aviation

P. O. Box 20007
New Orleans, LA 70141

P: 504-303-7800
F: 504-303-7566

www.flymsy.com

February 5, 2025

Mr. Carlos Giron
Marrero, Couvillon & Associates, L.L.C.
2644 S. Sherwood Forest Blvd., Suite 200
Baton Rouge, LA 70816

Re: 2024 Annual Update

Dear Mr. Giron:

The Louis Armstrong New Orleans International Airport (LANOIA) has received your firm's Disadvantaged Business Enterprise (DBE) and Small Business Element (SBE) annual affidavit. Based on the information which you provided, it has been confirmed that your firm continues to meet the eligibility requirements of our program and remains certified for only the following, specific service types and work categories that fall under the listed NAICS and/or DOTD Work codes:

Service(s):

ARCHITECTURE & ENGINEERING
AIRPORT CONCESSIONS
CONSTRUCTION CONTRACTORS

Area(s) of Work:

541310 - Architectural Services
541330 - Engineering Services
C02 - Mechanical Engineering
C03 - Drafting
C04 - Architectural Engineering
C05 - Structural Engineering
C07 - Electrical Engineering
C08 - Landscape Architecture
C43 - Computer Assisted Drafting
C88 - Architectural Services

Please, note, per the federal regulations, only 60% of the value of the materials provided by suppliers and 100% of a broker's fees, not the item(s) procured, may count towards goal credit. Also, note, any contractor performing electrical, mechanical and plumbing work in excess of \$10,000, and any other contractor performing work in excess of \$50,000, requires a Louisiana Contractor's License. You may contact the

DBE Office • 504.303.7611 • 504.303.7614 fax • phillisti@flymsy.com

State Licensing Board for Contractors at (225) 765-2301 for more information. All participants of the Louisiana Unified Certification Program will recognize your firm's certification. This includes all entities receiving federal transportation funding within the boundaries of our state.

You will be required to submit an annual affidavit with all supporting documents (**federal, business taxes with all attachments, such as 1098, 1099, K-1's and/or W-2's**) stating your firm continues to meet the eligibility requirements of the program. An e-mail informing you to submit the necessary documentation will be forwarded to you approximately six (6) weeks prior to your anniversary date of **December 4, 2025**. However, should you not receive notification from this office to submit your annual affidavit, it is your responsibility to contact us. Additionally, you must notify our office immediately regarding any changes which affect the social and economic disadvantage, size, ownership or control of your firm.

The Urban League of Louisiana Center for Entrepreneurship & Innovation has been contracted to provide DBE Supportive Services to all certified DBEs in the LAUCP at no cost to you. This consultant can offer your firm assistance and guidance on areas such as marketing, estimating, bidding, financial preparations, etc. Contact Klassi Duncan with Urban League of Louisiana Center for Entrepreneurship and Innovation at (504) 620-9647 for any assistance needed to grow your organization.

We reserve the right to withdraw certification, if, at any time, it is determined that certification was knowingly obtained by the submission of false, misleading or incorrect information. We further reserve the right to request additional information and/or conduct an on-site visit at any time during your certification period.

We are pleased to have you as a participant in the LAUCP and wish you much success.

If you have any questions regarding the content of this letter, contact the LANOIA DBE Office at (504) 303-7611.

Sincerely,



Philistine Ferrand
DBE Liaison Officer
philisti@flymsy.com - 504.303.7610 - 504.303.7614 fax

PF/SW



LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise (DBE) Program

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)

Marrero, Couvillon & Associates, L.L.C.

Is a Certified Disadvantaged Business Enterprise (DBE) in the following specialties:

C02, C07, 541330, 541310, C88 , C03, C04, C05, C08, C43

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

Certificate Eligibility: December 4, 2024 to December 4, 2025

This certificate is valid through the above dates 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.

Philistine Ferrand, DBE Liaison Officer (DBELO)

Louis Armstrong New Orleans International Airport

THINK.DESIGN.BUILD.



Engineering & Construction

N : Marrero, Couvillon & Associates, LLC
A : 2644 S. Sherwood Forest Blvd., Suite 200,
Baton Rouge, LA 70816
P : 225.408.8249