

JEFFERSON PARISH • JEFFERSON PARISH LIBRARY SYSTEM

Architectural/Engineering Services to Design + Construct the New West Bank Regional Library

→ STATEMENT OF QUALIFICATIONS • SOQ 25-015 • MAY 8, 2025

NANOLLC
2401 BIENVILLE ST
NEW ORLEANS, LA
NANOLLC.NET
504.486.3272
NANO1@NANOLLC.NET

NANO

MAY 8, 2025

Dear Selection Committee,

**RE: SOQ FOR JEFFERSON PARISH
NEW WEST BANK REGIONAL LIBRARY**

JEFFERSON PARISH
PURCHASING DEPARTMENT
GENERAL GOVERNMENT BUILDING
200 DERBIGNY STREET
SUITE 4400
GRETN, LA 70053

ATTN: SHANNA FOLSE
PURCHASING SPECIALIST III
SHANNA.FOLSE@JEFFPARISH.GOV
504.364.2680

FIRM INFORMATION

Date of Establishment: December 3, 2001

License Number: AF0234

Federal Tax ID: 721518711

Federal ID / Unique Entity ID: FYDKWW9LYDH3

Type of Entity: Limited Liability Corporation

Ownership: Terri Dreyer, Owner + Managing Partner
Ian Dreyer, Owner + Partner

Recent or Proposed Changes in Ownership: None

At NANO, we are deeply aligned with the Jefferson Parish Library System's mission to provide high-quality library services that inform, enrich, and engage the community. We are excited by the opportunity to partner with JPL and Jefferson Parish in reimagining the regional library branch serving the West Bank—a space that will not only support evolving service models but also offer a flexible, future-forward environment for discovery, learning, and connection for the Jefferson Parish community. Our approach to design centers on creating spaces that welcome all ages and abilities while remaining adaptable to changing community needs.

We believe that thoughtful, place-based design can foster a deeper sense of belonging and participation. With a proven track record of designing civic and cultural spaces that balance innovation with usability, NANO is uniquely positioned to help JPL realize its vision for a vibrant, inclusive library that invites exploration, sparks conversation, and encourages lifelong learning.

With over two decades of experience, NANO has led transformative, community-focused projects that prioritize resilience, accessibility, and a deep respect for place. Our recent work at Octavia Books transformed a historic building into a welcoming, literature-rich environment that supports readers of all ages—mirroring the Jefferson Parish Library System's commitment to lifelong learning and enrichment. At Frederick A. Douglass High School, we restored a long-neglected auditorium into an accessible, community-centered venue that now hosts events for students and families alike. Similarly, our award-winning work at Patrick F. Taylor Science and Technology Academy demonstrates our ability to design sustainably and inclusively for learners from sixth through twelfth grade. Currently, we are engaged in two active projects with Louisiana State University, ensuring durability and community responsiveness remain central to each effort. Our familiarity with Jefferson Parish is longstanding—having assessed hurricane damage at Riverdale High School and provided FEMA-aligned recovery recommendations—further deepening our understanding of the parish's needs and values. We bring this same care and insight to the proposed renovation of the West Bank regional library: a place where discovery, connection, and inclusive design converge.

Led by Ian and Terri Dreyer—Terri a former AIA New Orleans President and current member of the Jefferson Business Council—and supported by a team dedicated to the AIA 2030 Commitment, NANO actively tracks its progress through the AIA 2030 Design Data Exchange, reinforcing our accountability to carbon-neutral design goals. From adaptable interiors that evolve with each generation to stormwater-sensitive landscapes that address the region's climate challenges, we design for today with a clear vision for tomorrow.

Our expanded team of local consultants—TLC Engineering Solutions, DEI Engineering, and SMM—brings vital regional expertise to deliver outstanding design, engineering, and construction management services. Leveraging our collective experience, we are well-equipped to meet the dynamic and evolving needs of this project. As Jefferson Parish and JPL's project partner, we are committed to ensuring that the culture defining our community continues to thrive within this state-of-the-art, reimagined regional library facility.

Sincerely,

NANO LLC
2401 BIENVILLE STREET
NEW ORLEANS, LA 70119
NANOLLC.NET
504.486.3272
NANO1@NANOLLC.NET



Terri Dreyer, AIA, LSBD
Founder & Managing Partner
NANO LLC



Ian Dreyer, AIA, NCARB
Founder & Partner
NANO LLC

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SECTION 001

TEC Questionnaire Forms



NANO LLC

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Jefferson Parish New West Bank Regional Library
SOQ 25-015

B. Firm Name & Address:

NANO LLC
2401 Bienville Street
New Orleans, LA 70119

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:

Terri Dreyer, AIA
nano1@nanollc.net

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.

Ian Dreyer, AIA
nano1@nanollc.net

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

5 ___ Administrative	___ Estimators	___ Specification Writers
3 ___ Architects (Licensed)	___ Geologists	___ Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	___ Graduate Engineers
___ Civil Engineers	3 ___ Interior Designers	4 ___ Project Managers
___ Construction Inspectors	___ Landscape Architects	___ Clerical
___ Ecologists	___ Land Surveyor	___ Grant/Funding Specialist
___ Electrical Engineers	___ Mechanical Engineers	___ Sanitary Engineers
___ Engineer Intern	___ Environmental Engineers	
___ Professional Land Surveyors		015 TOTAL

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

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

TEC Professional Services Questionnaire

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

1. N/A

2.

H. Has this JOINT-VENTURE previously worked together? Please check:

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):
<p>1. TLC Engineering</p> <p>201 St Charles Ave # 4318, New Orleans, LA 70170</p>	MEP Engineering	Yes
<p>2. DEI Engineering</p> <p>3330 W Esplanade Ave Ste 205, Metairie, LA 70002</p>	Civil / Structural Engineering	Yes
<p>3. Spackman Mossop Michaels (SMM)</p> <p>1824 Sophie Wright Place New Orleans, LA 70130 (504) 218-8991</p>	Landscape Architecture	No

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

Employees at NANO LLC, DEI Engineering, and SMM exceeds 35 people.

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:

Ian Dreyer, AIA, NCARB

Project Assignment:

Ian will serve as the Project Manager.

Name of Firm with which associated:

NANO

Years' experience with this Firm:

23

Education: Degree(s)/Year/Specialization:

2001, M.Arch, Tulane University

B.A., Philosophy, 1993, University of Chicago

Active registration: Year first registered/discipline:

LA Registered Architect #7091, 2009

MD Registered Architect #20210, 2020

IN Registered Architect #12500066, 2025

MS Registered Architect #4873, 2013

FL Registered Architect #103350, 2024

NCARB #67605

Other experience and qualifications relevant to the proposed Project:

Ian's ability to manage public projects holistically while maintaining close attention to detail dovetails with NANO's philosophy of detail at every scale. This emphasis echoes through all phases of his roles from programming and schematic design through code analysis to oversight and quality control.

Prior to NANO, Ian was the Interim Director and Technical Manager of the Center of Standardizations for Army Aviation Maintenance Facilities and Command and Control Facilities at the U.S. Army Corps of Engineers Mobile District, where all buildings were designed to LEED Silver standards. Through his experience managing City of New Orleans projects, in concert with his U.S. Army Corps of Engineers experience and as a former architecture professor at the Tulane School of Architecture, Ian understands the intricacies of each project and applicable procedures.

Since founding NANO, Ian has guided the firm with a hands-on approach to every project, steering its growth from a local practice to an internationally recognized, award-winning DBE/WBE firm. Ian's vision and leadership have set significant precedents, shaping NANO's impact both locally in New Orleans and on the global stage.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Terri Dreyer, LSBID

Project Assignment:

Terri will serve as Principal In Charge

Name of Firm with which associated:

NANO

Years' experience with this Firm:

23

Education: Degree(s)/Year/Specialization:

2001, M.Arch, Tulane University B.A., Environmental Design, Parsons School of Design
Interior Design, Louisiana State University, B.A.,

Active registration: Year first registered/discipline:

LA Registered Interior Designer #1364, 2010

Other experience and qualifications relevant to the proposed Project:

Terri is a distinguished architect and design leader deeply connected to New Orleans, inspired by her grandfather, renowned architect August Perez Jr. Her educational journey includes degrees from Louisiana State University, Parsons School of Design, and a master's from Tulane University. Before founding NANO in 2001, Terri gained invaluable experience at HOK in London, where her project earned the Royal Institute of British Architecture (RIBA) Award.

A champion for diversity in architecture, Terri has often been the only woman in the room, advocating for a process-driven design approach that integrates environmental analysis and contextual awareness. As the 2020 President of AIA New Orleans, she increased local participation in the AIA 2030 Challenge by 330% and served as an Adjunct Professor at Tulane University for five years.

Building NANO alongside her husband and business partner, Ian Dreyer, Terri has led the firm to international recognition as an award-winning DBE/WBE company. Terri aims to leave a lasting legacy through thoughtful design that enriches the lives of those who inhabit the built environment.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Kristine Kobilá, AIA, NCARB, LEED AP

Project Assignment:

Kristine will serve as the Project Architect / QA QC Director .

Name of Firm with which associated:

NANO

Years' experience with this Firm:

9 years

Education: Degree(s)/Year/Specialization:

B.A., University of Mississippi, M.Arch., Tulane University, LEED AP: BD+C

Active registration: Year first registered/discipline:

LA #7104, 2009

Other experience and qualifications relevant to the proposed Project:

Kristine's meticulous attention to detail ensures that schedules are adhered to, reviews are completed on time, and potential issues are identified early to work towards a successful solution that will not impact design time. Her project management experience includes responsibility of code reviews for multiple types of buildings in addition to coordination of various permitting agencies and their requirements. These include not only city and local municipalities' code and zoning requirements, but also dealing with agencies such as the HDLC, VCC, SHPO, DHH, LDEQ, Army Corps of Engineers, Levee Board, and State Fire Marshal.

Kristine has been an integral team member on many of NANO's largest and most intricate projects. Her broad experience encompasses design on a wide range of projects, including residential, commercial, industrial, secure, and municipal. This diverse expertise provides valuable knowledge that she uses and shares with the entire design team. Kristine currently serves as the District 1 Representative for the Louisiana Board of Architectural Examiners, where she is the first woman to hold this position. Previously, Kristine has served on the Louisiana Architect Selection Board, representing District 1.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Sam LeBlanc
Project Assignment:
Sam will serve as an Assistant Project Manager.
Name of Firm with which associated:
NANO
Years' experience with this Firm:
6 years
Education: Degree(s)/Year/Specialization:
M.Arch. & Urban Design, Pratt Institute of Art and Design B.A Architecture, Louisiana State University
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p>Sam has over 20 years of experience working in the architecture and construction fields. Sam started working construction in Baton Rouge during the summers while he was in high school and continued through college. After graduating from Louisiana State University's undergraduate Architecture Program, he worked in the construction field in New York City, later earning a Master of Architecture and Urban Design from the globally respected Pratt Institute of Art and Design.</p> <p>Sam brings 4 years of experience as a facility manager for New Orleans Public Schools, where he managed a 109,000 SF building comprising of over 1,000 staff and students on a daily basis. Sam has fulfilled all the requirements for NCARB's Intern Development Program and is currently taking the ARE.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Samantha Johnson, WELL AP, Assoc. AIA, NCIDQ

Project Assignment:

Sami will serve as Project Designer.

Name of Firm with which associated:

NANO

Years' experience with this Firm:

8 years

Education: Degree(s)/Year/Specialization:

B.F.A., Interior Design, Pratt Institute of Art and Design

Active registration: Year first registered/discipline:

LA Registered Interior Designer #1456

NCIDQ Certificate Holder

Other experience and qualifications relevant to the proposed Project:

With a passion for transforming spaces, Sami brings extensive experience in architectural interior renovations across diverse sectors, including residential, healthcare, and hospitality. Her expertise shines in collaborative settings at NANO, where she leverages team strengths to tackle design challenges creatively. Notable projects include her role as lead designer for a historic French Quarter townhouse, soon to be The Dead Rabbit, and the New Orleans Ernest N. Morial Convention Center.

Outside of the office, Sami is dedicated to her community, participating in the Urban Land Institute, Habitat for Humanity's "Women's Build," and the American Institute of Architects (AIA), where she has spoken on numerous webinars and presentations and serves on two AIA committees: the Emerging Professionals Committee and the 2030 Challenge Committee. Sami holds a Bachelor of Fine Arts in interior design from Pratt Institute in Brooklyn, New York, where she graduated with multiple awards and honors. In 2021, she was recognized as a "Top Young Professional" by Engineering-News Record. Additionally, she received the "Top Sculpture Award" and the Ralph Pucci Award in 2011, as well as a "D+D Building Scholarship for Senior Excellence" in 2010.

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>Ernest N. Morial Convention Center • 900 Convention Center Blvd New Orleans, LA 70130 • Adam Straight, 504 582 3162</p>	<p>Professional Architecture Services, Interior Design, Master Planning</p> <p>As part of the 2018 Capital Improvement Plan, NANO has upgraded over 580,000 square feet of the convention center with modernized public spaces, advanced technology, and immersive designs rooted in New Orleans' urban and cultural fabric. Our scope included a \$65 million transportation hub with a 7.5-acre pedestrian park, improving visitor access and outdoor engagement. Delivered on time and within the \$136 million budget, the project has had zero change orders across all phases. Sustainability was prioritized through recycling over 461,000 pounds of material, diverting 84% of waste from landfills, and implementing energy- and water-efficient systems.</p>	
	Estimated Cost:	
Completion Date (Actual or estimated):	Entire Project:	Work for which Firm was Responsible:
Stage 1: 2026 Stage 2: 2028	Stage 1: \$134M Stage 2: \$125M	Stage 1: \$8M Stage 2: \$10M

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
 <p>Patrick F. Taylor Science + Technology Academy • 701 Churchill Pkwy, Westwego, LA 70094 • Larry Dale, 504 236 7111</p>	<p>Professional Architecture Services, Interior Design</p> <p>The Patrick F. Taylor Science and Technology Academy is the first purpose-built school for STEAM-focused education in Jefferson Parish. The award-winning building is a flexible, durable space for learning that embodies the collaborative culture of its student body. Located on a swampy site between the Mississippi River and Lake Cataouatche, the building's striking design is rooted in a deep analysis of regional road systems, waterways, and American Indian trails. The design team identified nodes where these historic paths intersect — where layers of cultural and topographical history stack up. We then overlaid that data onto the project site and used the dense historical nodes as points to shape the perimeter of the building's spine, which is also its heart — a central community space that's larger than a football field.</p>	
	Estimated Cost:	
Completion Date (Actual or estimated):	Entire Project:	Work for which Firm was Responsible:
2013	\$27M	

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
 <p>BREC City-Brook Pool House/Baton Rouge Gallery of Art • 1515 Dalrymple Dr, Baton Rouge, LA 70808 • BREC, Reed Richard 225-273-640 EXT 369 BRG, Jason Andreasen, 225 383 1470</p>	<p>Professional Architecture Services, Interior Design</p> <p>NANO is working on a contemporary museum and event space for Baton Rouge Gallery of Art.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Currently in discussion w/ BREC and BRG on timeline	\$21M	\$1.5M

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
 <p>New Orleans Fire Department Headquarters • Ron Fiorello, 504-658-474</p>	<p>Professional Architecture Services, Interior Design, Master Planning</p> <p>Partnering closely with the fire chief, NANO re-imagined the building for 24-hour emergency operations, integrating a highly complex program that includes administrative offices, medical and training facilities, conference rooms, a fully equipped dormitory, an advanced gym, an expansive kitchen, a recreation room, and a disaster recovery area. The facility has been upgraded to meet stringent Type II-B, Risk Category IV standards, ensuring it can withstand extreme weather and function during disasters. We implemented flood mitigation and stormwater management strategies, integrated a secure space for a large generator, and installed an advanced access control and security system.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2025	\$8M	\$1,078M

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
 <p>Son of a Saint • 2803 St. Philip St New Orleans LA 70119 • Matthew Buyer, 419 583 7468</p>	<p>FF&E</p> <p>NANO handled the Furniture, Fixtures, and Equipment (FFE) package throughout the project. We ensured that every aspect of the center's design contributed to its mission of fostering growth and empowerment among its beneficiaries and would be functional for years to come. The result is a renovated facility offering an array of spaces, from open lounges for tutoring sessions to mezzanine-level game rooms and fully equipped gyms. These spaces are designed to cultivate a sense of community and belonging among the young men served by Son of a Saint.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	\$3M	pro-bono

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
 <p>Octavia Books + Cafe • 513 Octavia St, New Orleans, LA 70115 • Tom Lowenburg, 504 301 8616</p>	<p>Professional Architecture Services, Interior Design, Historic Preservation</p> <p>Winner of the Louisiana Landmarks Society Excellence in Historic Preservation, our Octavia Project presented unique design challenges, particularly in unifying two distinct buildings: an iconic post-modern structure and a historic corner store. Initially, separate expansions were planned for each business, but recognizing their shared clientele led to a decision to unite the spaces. Three pivoting bookcases were designed to function as gateways between the two, creating a circular economy of movement and interaction. Sustainability features include 60 solar panels, energy-efficient systems, and a permeable paver driveway with geotextile filtration and rerouted drainage to mitigate flooding.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024	\$3M	\$145K

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
 <p>LSU Student Union Ballroom • 310 LSU Student Union, Baton Rouge, LA 70803 • Roger Husser, 225 342 0849</p>	<p>Professional Architecture Services, Interior Design</p> <p>NANO led the 11,500 SF interior renovation of LSU's Student Union Ballroom, with a focus on revitalizing the space through a timeless and sophisticated design approach. The scope includes new finishes, updated lighting, stage repairs, and the integration of an ADA lift to enhance accessibility. A warm, rich material palette—paired with subtle LSU branding—adds depth and elegance throughout. Custom wooden paneling breaks up long wall expanses, while durable base and chair-rail elements, finished with a protective urethane coating, ensure long-term resilience in high-use areas. Outdated brick floors have been replaced with sleek epoxy terrazzo, bringing a modern and refined feel to the space. The design also honors the ballroom's existing architectural character while introducing contemporary elements that reflect LSU's Human Scale principle.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024	\$1M	approx. \$50K

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
 <p>Il Mercato • 1911 Magazine St, New Orleans, LA 70130 • Sarah Hall, 504 261 7367</p>	<p>Professional Architecture Services, Interior Design, Historic Preservation</p> <p>NANO transformed the historic Il Mercato into a full-service event venue that balances preservation and modern function. The design prioritized restoring architectural features, integrating a state-of-the-art kitchen for large-scale events, and implementing a life safety strategy that preserved historic ceilings while reducing costs. Savings were reinvested into both the building and the adjacent public park, reinforcing the site's role in community revitalization. Il Mercato now anchors the Lower Garden District with a mix of indoor and outdoor spaces, contributing to the area's ongoing resurgence.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	\$7M	approx. \$300K

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
 <p>Frederick A. Douglass High School Auditorium • 3820 St Claude Ave, New Orleans, LA 70117 • LaJuan Harris, 281 384 9578</p>	Professional Architecture Services, Interior Design, Historic Preservation	
	<p>After nearly two decades of neglect following Hurricane Katrina, the historic Art Deco auditorium at Frederick A. Douglass High School has been revitalized for the Bywater and 9th Ward communities. NANO's design preserved original features, including the acoustic tile ceiling, light fixtures, and seating, while introducing essential upgrades like an integrated exterior ramp, widened aisles, and a discreet air conditioning system. These improvements ensure accessibility and comfort without compromising the building's architectural integrity. The restored auditorium now serves as both a symbol of resilience and a space for future performances, gatherings, and continued community connection.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023	\$410K	\$287K

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
 <p>LSU Julian White Hall Emergency Repairs • 297 Field House Dr, Baton Rouge, LA 70803 • Roger Husser, 225 342 0849</p>	Professional Architecture Services	
	<p>NANO is presently in the process of replacing the 50,000 square feet exterior brick veneer system, to create a contemporary exterior that not only ensures durability but also seamlessly integrates with LSU's campus. Our team is researching copper panels, terracotta, and more options for exterior cladding and is conducting a thorough investigation into the existing brick tie system that failed due to moisture intrusion. The goal is to craft an exterior that enhances durability, and resilience against water intrusion, and seamlessly integrates with LSU's campus.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2026	\$5.45M	\$384.4K

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	None	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.

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

Signature:  **Print Name:** Terri Dreyer

Title: Managing Partner, Co-Founder, and Owner **Date:** May 8, 2025

SECTION 003

TEC Questionnaire Forms



TLC Engineering

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ No. 25-015

Provide Professional Architectural and Engineering Services to Design and Construct the New West Bank Regional Library

B. Firm Name & Address:

TLC Engineering Solutions, Inc,
201 St. Charles Ave., Ste. 4318
New Orleans, LA 70170

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:

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.

Matthew J. Wiechart, PE
Managing Principal
matthew.wiechart@tlc-eng.com
C: 407-701-7362

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

72 Administrative	___ Estimators	___ Specification Writers
___ Architects (Licensed)	___ Geologists	28 Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	___ Graduate Engineers
___ Civil Engineers	___ Interior Designers	___ Project Managers
1 Construction Inspectors	___ Landscape Architects	___ Clerical
___ Ecologists	___ Land Surveyor	___ Grant/Funding Specialist
120 Electrical Engineers	201 Mechanical Engineers	___ Sanitary Engineers
___ Engineer Intern	___ Environmental Engineers	
___ Professional Land Surveyors		422 TOTAL

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

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

TEC Professional Services Questionnaire

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

1.
N/A

2.
N/A

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. TLC Engineering Solutions, Inc. 201 St. Charles Ave., Ste.4318 New Orleans, LA 70170 Firm PE# EF3319	MEP/FP, Life Safety, Structural, Technology, Venues and Acoustics, Energy Services, Commissioning, and Lighting Design	Yes
2.		
3.		

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

422

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:

N/A

Project Assignment:

N/A

Name of Firm with which associated:

N/A

Years' experience with this Firm:

N/A

Education: Degree(s)/Year/Specialization:

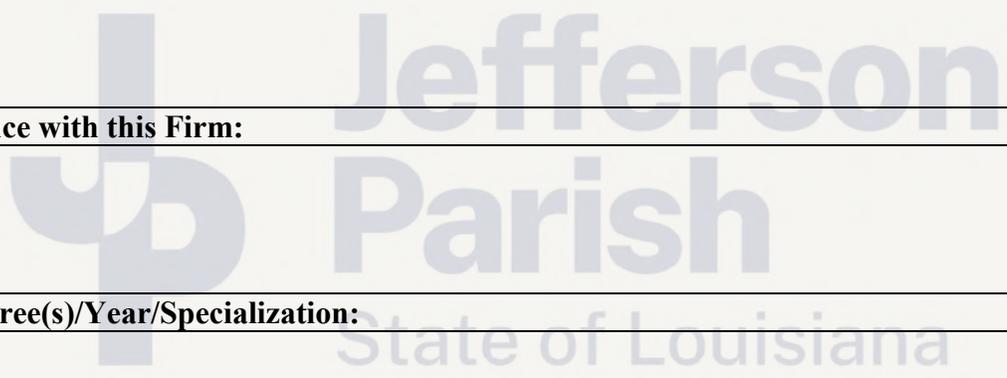
N/A

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

N/A



TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Matthew J. Wiechart, PE, LEED AP
Project Assignment:
Principal-in-Charge / Mechanical Engineer of Record
Name of Firm with which associated:
TLC Engineering Solutions, Inc.
Years' experience with this Firm:
24 Years
Education: Degree(s)/Year/Specialization:
Georgia Institute of Technology / BS / 1997 / Mechanical Engineering
Active registration: Year first registered/discipline:
2019 / Professional Engineering / Mechanical PE.004482
Other experience and qualifications relevant to the proposed Project:
<p>Matt is an experienced operations manager and works with staff to ensure they have the necessary resources to provide engineering solutions that meet owners' requirements within budget constraints. He quickly addresses and resolves project concerns, which, coupled with his creativity, makes him an outstanding leader and team player. His background in designing sophisticated mechanical and energy management systems make him an asset to the team. Some of Matt's relevant projects include: City of Orlando Public Library, City of Winter Park Library, Clearwater Main Library, and Royal Palm Beach Library.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
John T. Hall, PE, CBO, Associate
Project Assignment:
Electrical Engineer of Record
Name of Firm with which associated:
TLC Engineering Solutions, Inc.
Years' experience with this Firm:
7 Years
Education: Degree(s)/Year/Specialization:
University of New Orleans / B.S. / 2018 /Electrical Engineering
Active registration: Year first registered/discipline:
2020 / Professional Engineering / Electrical PE.0046283
Other experience and qualifications relevant to the proposed Project:
John is an experienced Electrical Engineer experienced in the use of Revit software for 3D modeling and analysis, and is skilled in conceptualizing, designing, and implementing a variety of systems to optimize efficiency during inspections, successfully delivering innovative solutions tailored to complex technical requirements. Some of John's relevant projects include: Norco Library Renovation, Lycee Francais Historic School Renovation and Building Addition, and the University of South Florida Health Morsani College of Medicine and Heart Institute Downtown Tampa Campus.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Evan M. Carrie, PE, LEED AP BD+C
Project Assignment:
Plumbing and Fire Protection Engineering
Name of Firm with which associated:
TLC Engineering Solutions, Inc.
Years' experience with this Firm:
6 Years
Education: Degree(s)/Year/Specialization:
Tulane University / B.S. / 2019 / Engineering Physics; Certificate: Mechanical Engineering; Minor: Architecture University of New Orleans / M.S. / Engineering Management
Active registration: Year first registered/discipline:
2023 / Professional Engineering / Mechanical/Plumbing/Fire Protection PE.0048143
Other experience and qualifications relevant to the proposed Project:
Evan is a dynamic Mechanical Designer offering expertise in designing mechanical systems for diverse project types. Evan is known for crafting innovative and efficient HVAC designs that elevate project outcomes. He has an ability to collaborate with multidisciplinary teams to deliver high quality designs aligned with project goals and client needs. Some of Evan's relevant projects include: Norco Library Renovation, Lycee Francais Historic School Renovation and Building Addition, and the University of South Florida Health Morsani College of Medicine and Heart Institute Downtown Tampa Campus.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Project Assignment:

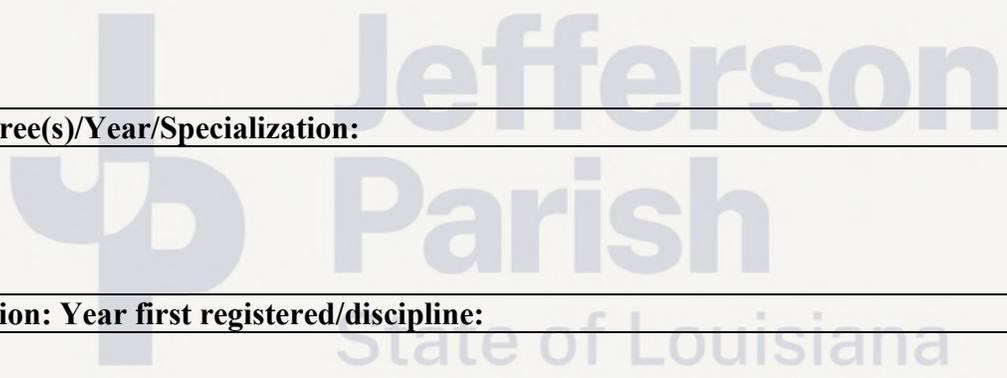
Name of Firm with which associated:

Years' experience with this Firm:

Education: Degree(s)/Year/Specialization:

Active registration: Year first registered/discipline:

Other experience and qualifications relevant to the proposed Project:



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:	
University of Central Florida John C. Hitt Library Phase 1A Orlando, Florida Bill Martin, Director of Facilities (407) 823-3196 Bill.Martin@ucf.edu	<p>Phase 1A is a four-story connector building that links the library to the ARC to provide collaboration spaces, a multi-purpose room, classrooms and three new elevators as well as creating a new main entrance. The ARC is conditioned by a single floor mounted chilled water air rotation type unit providing ample air circulation via vertical duct distribution to the top of the space, suitable for the large open building spaces. The top floor of the ARC was built out to create a reading room which is served by a dedicated electrical distribution and fire alarm system, as well as a single zone custom chilled water variable air volume air handling unit. The electrical service switchboard and standby generator system/transfer switch for the existing library were phased out and replaced with a new service switchboard. The distribution system serving the ARC was designed to backfeed the replacement switchboard allowing for the phase out the existing utility transformer in a future phase. Phase 1 also includes adding fire sprinklers and upgrading the restrooms for ADA compliance in the 1984 addition of library; which was completed while the library was operational.</p> <p>A permanent standby generator and a separate generator, located on the roof of the ARC provide backup power to the distributed antenna system equipment and was sized to provide power to all the planned phases of the update.</p> <p>Phase 2 includes renovation of the existing library and is in conceptual planning. The phased renovation includes the remaining half of the third floors in the 1984 addition, and the original 1967 portion of the building, a minimum of new exterior construction and limited scope in the first floor for mechanical and electrical distribution.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Phase 1: 2018 Phase 1A: 2020 Phase 2: 2022	\$52 million (all phases)	Mechanical, Electrical, Plumbing, Fire Protection, Structural, Energy Modeling

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Florida Polytechnic University Gary W. Wendt Engineering Building Lakeland, Florida David Calhoun, Director of Campus Development and Facilities 863-874-8374 dcalhoun@floridapoly.edu	<p>The \$15-million, two-story building will house research and development labs for a variety of engineering disciplines, staff and faculty offices, collaboration spaces, and a conference room. The building's modern design and streamlined functionality were developed to enhance the University's leading-edge engineering degree offerings.</p> <p>The ventilation system utilizes a centralized laboratory exhaust system with fast acting air valves to accurately control laboratory air volumes and pressurization. The exhaust system utilizes a demand based control system to maintain proper building safety yet minimize energy consumption compared to an always on system.</p> <p>The laboratory spaces will house the university's mechanical and civil engineering colleges which require spaces for testing materials, designing and making prototypes and support these engineering curricula. The mechanical, electrical and plumbing systems support these spaces with di-ionized water, vacuum and compressed air systems, flammable storage areas and exhaust and acid waste system.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2025	\$15 million	Mechanical, Electrical, Plumbing, Fire Protection, Security, Voice-Data, Audio-Visual

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
University of Miami Centennial Village Coral Gables, Florida John Tallon, Executive Director, Facilities and Operations 305-284-5571 jtallon@miami.edu	<p>This three-phase housing development complex involves five new towers (Phases 2A/2B), containing 9-10 floors each and a total of 2,000 beds. Lakefront amenities, outdoor venues, dining facilities, collaborative study spaces, classrooms, conference and seminar rooms, meditation, recreation, and gaming rooms enhance the student living and learning experience. The project also includes the phased renovation of the Eaton residential college (Phase 2C). The buildings are designed to meet LEED v4 Gold Certification and WELL Certification.</p> <p>TLC performed energy analyses to achieve the University's energy efficiency goals. This involved developing energy models to examine the impact of sun shading, building glazing, envelope performance, and other design strategies on energy and peak loads. The team also explored unique shading and glazing strategies such as electrochromic glazing that tints glass to reduce heat and glare.</p> <p>TLC designed the central air handling units to provide fresh and cleaned air while absorbing the latent load in the spaces, eliminating the risk of condensation associated with the high-performance active chilled beam systems that provide space cooling. The team also investigated energy systems such as piezoelectric flooring and photovoltaic thermal hybrid panels which generate both electricity and hot water simultaneously</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Phase 2A: 2024; Phase 2B: 2023; Phase 2C: 2026	\$168 million	Mechanical, Audio-Visual, Voice-Data, Security, LEED, Energy Modeling

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Tampa International Airport Central Energy Plant Tampa, Florida Nick D'Jimas, Director of Maintenance, Plant and Facilities 813-267-9467 ndjimmas@tampaairport.com	<p>The new 4800-ton central utility plant, made ready for 6000-ton by pre-installing all of the cooling tower and pumping capacity, is housed in a 10,000 square foot building and will provide heating, cooling, potable water, and fire protection for the Main Terminal, Baggage Handling, Network Operations Center, Sky Connect station, new Vertical Circulation Buildings, and the Authority's new Maintenance and Police Headquarters. The design includes all new utilities and relocation of existing underground utility lines. The heavily phased work intercepts every utility feeding the Main Terminal at "the spine", each of which must remain online. With intimate knowledge of these systems, TLC moved quickly with a design approach for pricing and constructability review. The existing CEP will be cut over to the new CUP after being fully commissioned by our team and tested to operate under full load, which will require both plants to operate simultaneously.</p> <p>To offset the energy use of the 'all glass' Vertical Circulation Buildings, the new highly efficient chiller plant replaces the existing CEP, thus saving 30% overall energy costs (equal to 3000 metric tons of CO2 per year or removing 620 cars from (roads) and 50 million gallons of potable water annually.</p> <p>Several options were evaluated early in the design process including geothermal, thermal energy storage, boiler preheat, options for the cooling towers and optimal ways to tie the CEP to the terminal. Ultimately a unique combination of series counter-flow arrangement capable of parallel arrangement allows for optimum energy savings, serviceability, and load demand flexibility. A heat recovery chiller will provide the simultaneous heating and cooling during the winter and summer time, saving \$4.0M over 30 years. Energy modeling, life cycle cost analysis, computational fluid dynamics were all tools used to assist the Authority in making priority decisions.</p> <p>Along with engineering design services, TLC provided an indoor noise impact study for CEP to verify it could be toured without excessive noise levels. The primary focus was to assess the magnitude of difference between an acoustically treated and untreated room during summer and winter conditions and includes treatment recommendations to minimize equipment operational noise.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024	\$228 million	Mechanical, Plumbing, Fire Protection, Audio-Visual, Voice-Data, Security, Acoustics, Commissioning

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Valencia College Poinciana Campus Poinciana, Florida Mark Hose, Architect - Facilities Planner 407-582-1704 mhose@valenciacollege.edu	<p>The three-story, 64,000 sf academic building houses multipurpose classrooms, computer and science labs, student and food service areas, cafe, library and administrative offices. There is a dual-purpose science lab with four fume hoods to safely exhaust vapors generated from chemistry and biology experiments. The building also includes a culinary teaching kitchen with seating for up to 18 students.</p> <p>Students can take classes on trade certification programs at the single-story, 12,000 sf CAT building. Energy modeling for CAT projected a 43.6% reduction of energy compared to the baseline model.</p> <p>Supporting the campus is a new 4,050 sf central energy plant housing 200-ton magnetic bearing chillers with a variable primary system, along with two vertical in line pumps. Two 200-ton nominal cooling towers are used for heat rejection, with future expansion of two additional chillers and associated pumps. Backup power is provided by a 210KW/263KVA liquid propane generator.</p> <p>TLC developed energy models to help the team make informed design decisions as well as select strategies toward achieving net-zero energy. The models indicated that energy consumption was reduced by 30.8% compared to the baseline.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017	\$23 million	Mechanical, Electrical, Plumbing, Fire Protection, Audio-Visual, Voice-Data, Security, Energy Modeling

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Louis Armstrong New Orleans International Airport On Call Services Contract Kenner, Louisiana Leon Dana 504-303-7633 leond@flymsy.com	TLC provides on-call engineering services for new construction, demolition and renovation projects for various programs, departments, and locations at the Louis Armstrong New Orleans International Airport (MSY), including, but not limited to, the North Terminal complex, South Terminal complex and ancillary buildings or areas as needed.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Est. 2026	Multiple on going projects under this contract	Mechanical, Plumbing, Fire Protection, Audio-Visual, Voice-Data, Security

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Hillsborough Community College Administration Building, Dale Mabry Campus Tampa, Florida Ken Atwater, Ph.D. College President 813-253-7050 katwater@hccfl.edu	New administration building housing offices, open office space, board room, conference room and breakroom spaces. Chilled water fed from the existing central energy plant on the campus.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023	\$11.2 million	Mechanical, Electrical, Plumbing, Fire Protection, Audio-Visual, Voice-Data, Security

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Tulane University Richardson Memorial Hall New Orleans, Louisiana Amber Beezley, Campus Planner 504-862-8191 amays@tulane.edu	<p>Initially, TLC provided engineering services for the conceptual design phase for code analysis, scope development and preparation of construction budget. TLC also went on to provide engineering services for the subsequent renovation and expansion of the five-story, 65,000 square foot historic building.</p> <p>The project includes renovation of the first floor to expose historic wood ceilings and replace antiquated MEP systems. Phased construction plan required extensive investigation of existing systems and routing of new systems to accommodate. Expanded scope included second and third floors and the addition of an entire fire protection system.</p> <p>Upon completion of this renovation, the Tulane School of Architecture will occupy five pavilions on this quad, with one acting as a "Central Hub" for the school. The hub will provide space for community work, lounge areas, meeting spaces, as well as a fabrication space for large format and 3-D printing.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	\$16 million	Mechanical, Electrical, Plumbing, Fire Protection, Energy Modeling

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
School Board of Manatee County East County K-8 Prototype Lakewood Ranch, Florida Mike Pendley, Executive Planner, Construction Services Department 941-708-8800 pendleym@manateeschools.net	Provide pre-planning and conceptual documents to analyze the feasibility of and/or site assessment of the proposed project. Develop preliminary concepts of the mechanical, electrical, plumbing, and fire protection systems to evaluate the appropriate systems for use on the proposed project. Prepare a report on the evaluation of existing facility systems and infrastructure. Review the preliminary geotechnical report and provide comments as appropriate for design criteria affecting engineering scope of work, such as subsurface water for the design of any foundation and subfloor drainage systems or radon gas venting system that might be required. Provide the necessary investigation of existing building systems and conditions to determine any remedial work and/or replacement of systems and/or components that may be required by the project scope.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Aug. 2025	\$80 million	Mechanical, Electrical, Plumbing, Fire Protection, Audio-Visual, Voice-Data, Security

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Place St. Charles HVAC Modifications - Continuing Services Contract New Orleans, Louisiana David Norman 504-524-4444 davidn@201sca.com	The air systems of (6) retail/food service spaces on the lower floors of the office building were changed out. Each space utilized an existing local chilled water blower coil unit in the ceiling that had reached the end of their service life. This project removed the existing units and installed a new 50 ton VAV central air unit within a new mechanical space to condition the retail spaces. Each space is supplied by individual VAVs controlled by a local thermostat. The central unit being installed in a mechanical space offers more ease of maintenance. The VAV system allows for energy savings by modulating the supply fan and chilled water coil to match the space loads.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023	\$80,000	Mechanical, Electrical, Plumbing, Fire Protection

TEC Professional Services Questionnaire

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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. N/A	N/A	N/A
2. N/A	N/A	N/A
3. N/A	N/A	N/A
4. N/A	N/A	N/A

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

TLC creates public spaces that benefit communities as a whole – engineering facilities for first responders, libraries, administrative complexes, and recreation centers. We work to improve communities across America with functional, energy efficient and comfortable spaces.

Engineering libraries, senior recreation centers, city halls, courthouses, and office spaces for state and local government requires a deep understanding of rigid budget constraints balanced with practical, efficient solutions and cost-saving technologies. Public use demands safety and security be at the forefront of planning and TLC has a wide-range of experience in this area.

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

Signature: Matthew J. Wiechart, PE Digitally signed by Matthew J. Wiechart, PE
Date: 2025.05.01 07:30:28 -04'00'
Print Name: Matthew J. Wiechart, PE
Title: Managing Principal
Date: May 1, 2025

SECTION 002

TEC Questionnaire Forms



DEI Engineering

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ No. 25-015 - Provide Professional Landscape Architecture Services for the Design and Construction of the new West Bank Regional Library - Resolution No. 146198

B. Firm Name & Address where Project work will be performed:



Design Engineering, Inc.
3330 W. Esplanade Avenue, Suite 205
Metairie, Louisiana, 70002

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:

Jim Martin, Ph.D., P.E., President
(504) 836-2155
jmartin@dei-engr.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.

Jim Martin, Ph.D., P.E., President
(504) 836-2155
jmartin@dei-engr.com

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

<u>4</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u>2</u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u>4</u> Civil Engineers	<u> </u> Interior Designers	<u>1</u> Project Managers
<u>10</u> Construction Inspectors	<u> </u> Landscape Architects	<u>2</u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u>4</u> Engineer Interns	<u> </u> Environmental Engineers	
<u> </u> Professional Land Surveyors		<u>27</u> TOTAL

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

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

TEC Professional Services Questionnaire

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

1. N/A

2. N/A

H. Has this JOINT-VENTURE previously worked together? Please check:

YES NO N/A

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

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

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

*1 personnel not listed in Section E (drafters) will also work on the project.

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:

Jim Martin, Ph.D., P.E., President

Project Assignment:

Professional In Charge/Principal

Name of Firm with which associated:

Design Engineering, Inc.

Years' experience with this Firm:

10

Education: Degree(s)/Year/Specialization:

Old Dominion University – Coastal Engineering Certificate, 2010
 Tulane University – Doctor of Philosophy, 2003
 Tulane University – Master of Science in Environmental Engineering, 2000
 University of Alabama – Bachelor of Science, Civil Engineering, 1998

Active registration: Year first registered/discipline:

2004, Civil Engineering, Louisiana License #31281

Other experience and qualifications relevant to the proposed Project:

Historic Renovations of 822 Howard Ave.: Dr. Martin oversaw and managed all personnel and contracts involved in the historic renovation of an existing three-story building in New Orleans, Louisiana, which formerly served as an automobile warehouse and showroom. Modifications designed by DEI include new mezzanine areas between the first and second floors, a new fourth-floor penthouse, and various other structural modifications to accommodate the change in occupancy of the building. DEI received an Award for Excellence in Historic Preservation from the Louisiana Landmarks Society in 2017 for this project.

1050 South Jefferson Davis Parkway Redevelopment (Coca-Cola building): Dr. Martin is responsible for overseeing and managing all personnel and contracts for this historical renovation project that requires analysis of existing trusses to verify that the bottom chord horizontal cross bracing members can be safely removed. It required designing an additional new truss bracing system to ensure compatibility with the architect's interior design requirements.

W. Esplanade Bridges at Duncan Canal: Dr. Martin was responsible for overseeing and managing all personnel and contracts for the hydraulic calculations and modeling that have been reviewed and accepted by the Parish, the City of Kenner, and the DOTD the installation of a massive 2-cell box culvert that intersects with a separate large 2-cell box. Also responsible for all structural engineering on the project and these immense concrete structures (over 13 feet tall and 80 feet wide).

West Esplanade Avenue Canal Crossing: The canal was hydraulically modeled for the installation of two 96-inch Concrete Arch Pipes. DEI designed the drainage and project surface work design for the improvements to West Esplanade Boulevard which included installing a 573-foot by a 96-inch culvert, over 600 feet of roadway, an additional sidewalk, and a new signalized interchange. Dr. Martin was part of the team that provided hydraulic engineering, conceptual, preliminary, and final plans for the improvements to West Esplanade Boulevard.

TEC Professional Services Questionnaire

Causeway Blvd. Overpass at Airline Drive: Dr. Martin oversaw and managed all personnel and contracts involved in conducting a comprehensive structural inspection of all portions of the Causeway Boulevard Overpass of Airline Drive above railroad traffic. This included evaluating the existing bridge components north of the southern right-of-way line of Airline Drive and performing a load capacity rating analysis for both the AS-BUILT and AS-IS conditions of the structure. Based on the findings, a comprehensive repair/rehabilitation report prioritizing recommended repairs and corrective measures was submitted. DEI was responsible for producing plans, specifications, and contract documents to repair/replace the Overpass's girders, bearings, deck, guardrails, and drainage system. Additionally, full-time resident inspection and testing services were provided during construction.

Washington Ave. Pedestrian Crossing Xavier University: Dr. Martin was responsible for overseeing and managing all personnel and contracts for constructing an elevated pedestrian crossing over Washington Avenue, Washington Avenue Canal, and Drexel Drive. Also included was the construction of an enclosed stairway and elevator towers located at the corner of Fern Street and Washington Avenue and Drexel Dr. near the north campus of Xavier University. The entire construction contract administration and construction engineering and inspection for this project was managed through LaDOTD SiteManager Program. DEI was responsible for the construction, engineering, and inspection of this project, which included maintaining all construction field records; making daily entries in the project diary to indicate the contractor's personnel and equipment being utilized on the project, the work being accepted, and the acceptability of traffic control; and the charging of contract time through SiteManager.

MacArthur Drive Interchange Completion : Dr. Martin was responsible for overseeing and managing all personnel and contracts for the demolition of one on-ramp, the construction of two ramps (one on-ramp and one off-ramp), and the relocation and widening of the service road to accommodate the new ramps. The existing Manhattan Blvd. off-ramp to Manhattan Blvd. will be demolished and rebuilt several hundred feet west of the existing location to make room for the new Peters Road on-ramp. The ramps will be constructed using prestressed concrete trapezoidal box girders supported on single pier bents with pile footings to match the aesthetics of the existing Westbank Expressway bridges.

Seawall Area Erosion Control Paving Project: Principal responsible for the design, construction administration, and inspection of the Seawall Area Erosion Control Paving Project and Seawall Stabilization. This multifaceted project included installing subsurface drainage for the entire roadway, seawall, and surrounding area, and installing multiple seawall penetrations to accommodate outfall to the lake. The concept has been so successful and economically advantageous that the client is expanding the design to all 5.2 miles of Lakeshore Drive in New Orleans.

Thalia St. Wharf- New Parking Garage: Design Engineering, Inc. (DEI) performed engineering services for the Port of New Orleans for a new Thalia Street parking garage facility. DEI developed 6 conceptual plans of action for design and construction. The project was paused after the conceptual phase, but the developed concepts allowed for Port employee parking at the ground level, and cruise passengers on levels two through seven. The garage was to tie into the existing Erato structure. As part of this project, DEI conducted survey, inspection, and evaluation of the substructure beneath both Thalia and Erato wharves.

Seabrook Boat Launch Rehabilitation: Dr. Martin was responsible for overseeing and managing all personnel and contracts for the Seabrook Boat Launch project. This included the complete design and implementation of new boat launch facilities, featuring floating access piers, a concrete boat launch, vehicle and trailer parking, and both a new and repaired pavilion.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
John Holtgreve, P.E. Executive Vice President
Project Assignment:
Chief Engineer
Name of Firm with which associated:
Design Engineering, Inc.
Years' experience with this Firm:
40
Education: Degree(s)/Year/Specialization:
MCE, 1975, Civil Engineering, Tulane University BS, 1970, Civil Engineering, Tulane University
Active registration: Year first registered/discipline:
1976, Civil Engineering, Louisiana License #16383
Other experience and qualifications relevant to the proposed Project:
<p><u>315 Girod Development Project:</u> Mr. Holtgreve managed the design and construction of the historic renovation of an existing five-story building in New Orleans, Louisiana, which formerly served as a fabrication shop. Modifications designed by DEI include enlarged footings, a new slab on grade, steel strengthening plates for existing timber columns and girders, new timber-concrete composite floor systems, and various other structural modifications to accommodate the change in occupancy of the building and update the structure to current design standards.</p> <p><u>Seawall Area Erosion Control Paving Project:</u> Project Manager responsible for the design, construction administration and inspection of the Seawall Area Erosion Control Paving Project and Seawall Stabilization. This multifaceted project included installing subsurface drainage for the entire roadway, seawall and surrounding area, and installing multiple seawall penetrations to accommodate outfall to the lake. The concept has been so successful and economically advantageous that the client is expanding the design to all 5.2 miles of Lakeshore Drive in New Orleans.</p> <p><u>Thalia St. Wharf- New Parking Garage:</u> Design Engineering, Inc. was responsible for the preliminary design, final design, and bidding assistance for a new parking garage structure on Thalia Street for the Port of New Orleans. This project consisted of project coordination, including meetings with the Port of New Orleans, permitting agencies, and utility companies; developing the design concept, which included the preparation of plans, calculations, specifications, quantity take-offs, probable construction cost estimates, identification of risks and development of risks mitigation strategies and development of design and construction schedules.</p> <p><u>Historic Renovations of 822 Howard Ave.:</u> Mr. Holtgreve managed the historic renovation of an existing three-story building in New Orleans, Louisiana, which formerly served as an automobile warehouse and showroom. Modifications designed by DEI include new mezzanine areas between the first and second floors, a new fourth-floor penthouse, and various other structural modifications to accommodate the change in occupancy of the building. DEI received an Award for Excellence in Historic Preservation from the Louisiana Landmarks Society in 2017 for this project.</p> <p><u>Seabrook Boat Launch Rehabilitation:</u> Mr. Holtgreve managed the design and construction of the Seabrook Boat Launch project. His responsibilities included overseeing the complete design and implementation of new boat launch facilities, featuring floating access piers, a concrete boat launch, vehicle and trailer parking, and both new and repaired pavilions.</p>

TEC Professional Services Questionnaire

Duncan Canal Box Culvert Installation: Project Manager responsible for the hydraulic calculations and modeling that has been reviewed and accepted by the Parish, the City of Kenner, and the DOTD for the installation of a massive 2 cell box culvert that intersects with a separate massive 2 cell box. Also, is responsible for all structural engineering on the project as well for these extremely large concrete structures (in excess of 13 feet tall and 80 feet wide).

West Esplanade Avenue Canal Crossing: Project Manager responsible for the feasibility/conceptualization, hydraulic engineering, preliminary and final plans, construction administration and resident inspection services for the improvements to the W. Esplanade Ave. Crossing. This project consisted of the installation of twin 96" diameter reinforced concrete arch pipes with headwalls to accommodate crossing of W. Esplanade Ave. Median Canal and the installation of reinforced concrete u-shaped transition structures from 96" diameter reinforced concrete arch pipe headwall to earthen canal.

Washington Ave. Pedestrian Crossing Xavier University: Mr. Holtgreve was the Project Manager for this project which consists of constructing an elevated pedestrian crossing over Washington Avenue, Washington Avenue Canal, and Drexel Drive. Also included is the construction of an enclosed stairway and elevator towers located at the corner of Fern Street and Washington Avenue and Drexel Dr. near the north campus of Xavier University. The entire construction contract administration and construction engineering and inspection for this project were managed through LADOTD Site Manager Program. DEI was responsible for the construction, engineering, and inspection of this project which included maintaining all construction field records; making daily entries in the project diary to indicate the contractor's personnel and equipment being utilized on the project, the work being accepted, the acceptability of traffic control, and the charging of contract time through Site Manager.

MacArthur Drive Interchange Completion: Mr. Holtgreve oversaw the design and construction of an on-and off-ramp system for the Westbank Expressway and the relocation of Frontage Road. Responsibilities included planning geometric layout of roadways and rights-of-way; relocation of drain lines up to 72" diameter, 10" sewer force mains with 20" steel casing horizontally drilled underneath four (4) lane highway, and water lines; project quantities estimation; preparation of plans for water mains, appurtenances, gas lines, and overhead and below ground power lines; the construction of storm drain performance, pipes and manholes; the extension of the existing reinforced concrete box culvert; and the construction of the new relocated service road, including the installation of a compacted sand sub-base course, crushed limestone base course, Superpave asphaltic concrete binder and wearing courses, as well as concrete curb and gutters and concrete sidewalks.

Causeway Blvd. Overpass at Airline Drive : Mr. Holtgreve oversaw the design and construction of this project, which included conducting a comprehensive structural inspection of all portions of the Causeway Boulevard Overpass of Airline Drive above railroad traffic (including all existing bridge components north of the southern right-of-way line of Airline Drive). He performed a load capacity rating analysis of the AS-BUILT and AS-IS conditions of the structure and submitted a comprehensive repair/rehabilitation report that prioritized recommended repairs and corrective measures. Based on the findings of the report, DEI was responsible for producing plans, specifications, and contract documents to repair/replace the Overpass's girders, bearings, deck, guardrails, and drainage system. Additionally, DEI was tasked with providing full-time resident inspection and testing services during construction.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Taylor Hebert, P.E. Civil Engineer
Project Assignment:
Civil Engineer
Name of Firm with which associated:
Design Engineering, Inc.
Years' experience with this Firm:
1
Education: Degree(s)/Year/Specialization:
BS, 2016, Civil Engineering, Minor in Spanish, University of Georgia
Active registration: Year first registered/discipline:
2020, Civil Engineering, Louisiana License No. 44720
Other experience and qualifications relevant to the proposed Project:
<p><u>PPG Hazard Mitigation Plan at the Scarsdale Drainage Pumping Station:</u> Mr. Hebert assisted with the Scarsdale Drainage Pumping Station project, which included demolishing, reconstructing, and upgrading the facility in four distinct phases. His responsibilities included generating submittals, managing RFIs, change orders, and pay applications using P6 software, drafting contracts, coordinating subcontractors, overseeing quality control, and supervising crews for this \$9.9 million infrastructure project.</p> <p><u>Relocation of East St. Bernard Highway and Associated Utilities for the LIT:</u> Mr. Hebert serves as a civil engineer on the \$1.8 billion Port of New Orleans LIT project. Located in Violet, St Bernard Parish, the project involves relocating East St. Bernard Highway, constructing a new bridge, and addressing utility relocation across 400 acres. Responsibilities include detailed reviews of project information, participating in design and constructability review meetings, and ensuring the project adheres to high standards and specifications.</p> <p><u>SWBNO Oak St. Pump Station Upgrade and Rehabilitation:</u> Mr. Hebert served as the project field engineer and QC Manager for the Oak Street Pump Station upgrade and rehabilitation project. Responsibilities included ensuring proper contract execution, generating submittals, handling RFIs, change orders, and pay applications, and updating project schedules using P6 software. He also assisted in drafting contracts for subcontractors and suppliers, overseeing their timely execution, and assisting in the design of critical project components like cofferdams, anchor bolt systems, and concrete formwork. Mr. Hebert effectively coordinated work processes among various subcontractors, enforced quality measures through preparatory meetings and inspections, directed work crews, and provided surveying and layout services, utilizing total station and AutoCAD software to create essential project drawings.</p> <p><u>WSLP 105 and 108 – Westshore Lake Pontchartrain USACE:</u> Mr. Hebert assisted with the Westshore Lake Pontchartrain (WSLP 105 and WSLP 108) flood protection project, which included the comprehensive design of drainage complex structures, t-walls, and earthen levee sections. His responsibilities encompassed various civil design tasks, technical report editing, and AEQR review of project plans, specifications, and cost estimates. Mr. Hebert assisted in designing a broad spectrum of projects, managed bidding phases, ensured compliance with project specifications, and facilitated public meetings to explain project designs, contributing significantly to the success of this crucial flood protection initiative.</p> <p><u>Permanent Canal Closures and Pumps (PCCP):</u> Mr. Hebert assisted with the PCCP storm surge barrier and pump station project as a Field Engineer and Closeout QC Manager. His responsibilities included verifying project features, coordinating training sessions for officials, and overseeing testing and training for the storm surge barriers. Mr. Hebert also managed daily work crew activities, ensured safety compliance, and utilized AutoCAD and Excel for project documentation, contributing significantly to the project's success.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Brady Pechon, PE Civil Engineer
Project Assignment:
Civil Engineer
Name of Firm with which associated:
Design Engineering, Inc.
Years' experience with this Firm:
4
Education: Degree(s)/Year/Specialization:
BS, 2016, Civil Engineering, Louisiana State University
Active registration: Year first registered/discipline:
2024, Civil Engineering, Louisiana License No. 48579
Other experience and qualifications relevant to the proposed Project:
<p><u>Audubon Blvd Reconstruction, Orleans Parish:</u> Mr. Pechon is assisted the project engineer in the design of the reconstruction of Audubon Blvd in New Orleans. Responsibilities include cost estimating, design, and drafting. This project includes full reconstruction and will include full block roadway pavement replacement including resetting distinctive aggregate curbs, ADA accessible ramps, drainage system replacement, sidewalk, driveway, sewer line, and water main utility replacement. This project also includes coordination with Batture Engineering to assist in design.</p> <p><u>Causeway Blvd. Overpass at Airline Drive:</u> Mr. Pechon assisted the project engineer with the oversight of the rehabilitation of bridge spans of this 1950s-era structure to meet AASHTO and LaDOTD standards. Responsibilities included conducting structural analysis of existing girders according to modern standards to determine adequacy in terms of safety and serviceability, designing cover plates for failing girders and their connections to strengthen spans at a lower cost than replacement, coordinating the removal and replacement of a corroded portion of the girder to reduce costs compared to replacing the entire girder and designing flange and web splice plates and their connections to safely transfer loads between the existing and new portions of the girder.</p> <p><u>Lake Pontchartrain Causeway Southbound Bridge Rail Improvements:</u> Mr. Pechon performed inspection oversight, quality assurance, and construction administration for the installation of safety rails along the Southbound bridge. Responsibilities included evaluation of construction operations/work for conformance with the Plans and Specifications; coordination of daily field notes and acceptance of work with up to ten inspectors; and assistance in the response to RFIs, submittals, and monthly project progress summaries.</p> <p><u>Power Blvd. Median Improvements (West Esplanade Ave. - Vintage Dr.):</u> Mr. Pechon assisted with the construction administration and inspection of approximately 4,800 LF of a bike/pedestrian path along the median area of Power Blvd. between West Esplanade Ave. and Vintage Drive. The project includes clearing and grubbing, grading, drainage structures, pavement patching, class ii base course, precast concrete piles, lighting, concrete walks, landscaping, pedestrian bridge, and related work.</p> <p><u>Frisco Ave. Drainage Improvements:</u> Mr. Pechon assisted with the modeling and design improvements along Frisco Avenue in Old Metairie. This project includes upgrading approximately 1200' of drain lines ranging from 15" diameter to 42" diameter pipes at Frisco Avenue, and relocating existing utilities such as waterlines and fiber optic lines along 1000' parallel to an operating railroad. The project also includes the closure of an existing 300' long ditch. Responsibilities include project quantity estimating, preparation of plans for bidding, preparation of specifications for bidding, and construction administration. This project also includes coordination with the Norfolk Southern Railroad for permitting, design, and throughout the proposed construction.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Collin Gillen, PE Civil Engineer
Project Assignment:
Civil Engineer
Name of Firm with which associated:
Design Engineering, Inc.
Years' experience with this Firm:
4
Education: Degree(s)/Year/Specialization:
BS, 2020 Civil Engineering, Louisiana State University
Active registration: Year first registered/discipline:
2020, Civil Engineering, Louisiana License #49017
Other experience and qualifications relevant to the proposed Project:
<p><u>Causeway Blvd. Overpass at Airline Drive:</u> Mr. Gillen assisted the project engineer with the oversight of the rehabilitation of bridge spans of this 1950s-era structure to meet AASHTO and LaDOTD standards. Responsibilities included conducting structural analysis of existing girders according to modern standards to determine adequacy in terms of safety and serviceability, designing cover plates for failing girders and their connections to strengthen spans at a lower cost than replacement, coordinating the removal and replacement of a corroded portion of the girder to reduce costs compared to replacing the entire girder and designing flange and web splice plates and their connections to safely transfer loads between the existing and new portions of the girder.</p> <p><u>Earhart Expressway at Dakin St.:</u> Mr. Gillen assisted the project engineer with the new 625-foot, single-lane off-ramp from Earhart Expressway to Dakin Street at Jefferson Highway. Tasks include coordinating survey and geotechnical data gathering, designing foundations, concrete decks, prestressed concrete girders, and six concrete 20' slab spans, as well as producing plans and specifications for DOTD and Jefferson Parish review and approval, collaborating with other consultants on the at-grade portion of the project.</p> <p><u>Improvements Severn Ave. at Lakeside Mall:</u> Mr. Gillen was responsible for providing all services required for the preparation of preliminary design plans, final plans, specifications, and bid documents for the addition of two turning lanes exiting the Lakeside Shopping Center at JCPenney and the addition of a Northbound Lane of Severn Ave between the JCPenney and Dillard's parking garages. The project was designed to be incorporated with the ongoing Severn Ave. Improvements Project (from Veterans Blvd. to West Esplanade Ave.).</p> <p><u>Power Blvd. Median Improvements (West Esplanade Ave. - Vintage Dr.):</u> Mr. Gillen performed inspection oversight, quality assurance, and construction administration for the creation of a bike/pedestrian path along the median are of Power Blvd. between West Esplanade Ave. and Vintage Drive. The project included concrete paving, excavation, drainage, bridge construction, lighting, landscaping, striping, and the installation of amenities such as drinking water fountains.</p> <p><u>Magazine St. (Leake Ave to East Dr):</u> Mr. Gillen is assisted the project engineer in the construction administration of the reconstruction of Magazine Street, between the intersections of Leake Avenue and East Drive, located in the Audubon Neighborhood area of New Orleans. Responsibilities include construction management, document control, and meeting coordination. This project also includes full reconstruction and full block roadway pavement replacement including resetting distinctive aggregate curbs, ADA accessible ramps, drainage system replacement, sidewalk, driveway, sewer line, and water main utility replacement. This project is also in coordination with Hard Rock Construction throughout the construction of the project.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jay Rafferty Construction Manager
Project Assignment:
Construction Manager
Name of Firm with which associated:
Design Engineering, Inc.
Years' experience with this Firm:
4
Education: Degree(s)/Year/Specialization:
BS, 1997, Industrial Technology, Southeastern University
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p><u>Lake Pontchartrain Causeway Southbound Bridge Rail Improvements:</u> This project entailed replacing the safety railing on both sides of the southbound Causeway Bridge to eliminate accidents involving cars falling into Lake Pontchartrain. As lead inspector, Mr. Rafferty coordinated all other DEI inspectors assigned to this project, inspected work being done on the project, wrote daily reports, and submitted remediation lists to construction subcontractors.</p> <p><u>Ames Blvd. (Westbank Expressway - Happy St.):</u> Mr. Rafferty provided resident inspection for 0.39 miles of roadway which included asphalt paving inspection, estimate generation, material sampling, submittal review, and project close-out of Ames Boulevard from the Westbank Expressway to Happy Street. Mr. Rafferty's responsibilities for this project were to ensure that the resident inspector prepared daily reports, inspected the progress of the work to ensure that the Contractor complied with the requirements of the plans and specifications, and attended all the progress meetings.</p> <p><u>Westwood Drive (Westbank Expressway - Lapalco):</u> Mr. Rafferty was responsible for preparing daily reports, inspecting the progress of the work to ensure that the contractor complied with the requirements of the plans and specifications, and attending all project meetings for the construction of 0.648 miles of roadway. This construction includes 20,516 square yards of Portland Cement Concrete Pavement with barrier curb, mountable curb, and gutter, including Class II base course, drainage pipes and structures, sanitary sewer and related work, and tie-in to the existing Westbank Expressway on the north end and Lapalco Blvd. on the south end. Pavement striping, signs, legends, and symbols are also included. DEI is responsible for the construction, engineering, and inspection of this project, which includes maintaining all construction field records, making daily entries in the project diary to indicate the contractor's personnel and equipment being utilized on the project, the work being accepted, the acceptability of traffic control, and the charging of contract time through Site Manager.</p> <p><u>Power Blvd. Median Improvements (West Esplanade Ave. - Vintage Dr.):</u> Mr. Rafferty provided resident inspection for the creation of a bike/pedestrian path along the median area of Power Blvd. between West Esplanade Ave. and Vintage Drive. The project includes concrete paving, excavation, drainage, bridge construction, lighting, landscaping, striping, and the installation of amenities such as drinking water fountains. Mr. Rafferty's responsibilities for this project were to ensure that the resident inspector prepared daily reports, inspected the progress of the work to ensure that the Contractor complied with the requirements of the plans and specifications, and attended all the progress meetings.</p>

TEC Professional Services Questionnaire

Causeway Blvd. Overpass at Airline Drive: Mr. Rafferty provided resident inspection for the rehabilitation of Ramps 6, 7, and the overpass of Causeway Blvd Overpass at Airline Drive. The resident inspection included observation of construction activities for structure jacking, span movement, reinforced concrete riser construction, girder strengthening, bridge deck joint sealing, epoxy-urethane overlay, and bridge drainage rehabilitation. Mr. Rafferty's responsibilities for this project were to ensure that the resident inspectors were preparing daily reports, inspecting the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications, and attending all the progress meetings. He was also overseeing the resident inspector's writing of his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor.

Lake Pontchartrain and Vicinity 106 Citrus Lake Floodwall: Mr. Rafferty was the Construction Project Manager/Project Coordinator for this project. Mr. Rafferty's responsibilities consisted of managing, scheduling, and coordinating field activities for fifty (50) plus employees. He was also the QC Manager Representative for the US Army Corp of Engineers for this project. His responsibilities included interviewing, training, drug screening, background checking, hiring, and termination of field personnel.

St. Andrews St. Wharf Erosion Mitigation Project: Mr. Rafferty was responsible for preparing daily reports, inspecting the progress of the work to ensure that the contractor complied with the requirements of the plans and specifications, and attending all project meetings. This project encompassed the construction of an approximately 1600-foot-long and 50-foot-deep steel sheet pile wall with a reinforced concrete pile cap along the roadway side of the St. Andrew Street Wharf and associated roadway construction.

Airline Park Blvd. (Camphor-W Napoleon): Mr. Rafferty provided resident inspection for the construction of 0.390 miles of roadway which includes grading, drainage structures, milling asphalt pavement, pavement patching, class ii base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Cement Concrete Pavement, cofferdams, storm water pumping station, and related work on Airline Park Boulevard from north of its intersection with Camphor St. to its junction with W. Napoleon Ave. Mr. Rafferty's responsibilities for this project were to ensure that the resident inspector is preparing daily reports, inspecting the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications, and attending all the progress meetings. He also oversaw that the resident inspector is writing in his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor. The entire construction contract administration and construction engineering and inspection for this project are managed through LaDOTD SiteManager.

Canal Blvd. (R.E. Lee-Amethyst): Mr. Rafferty provided resident inspection for the reconstruction of an existing four-lane divided boulevard. The project scope included grading, drainage structures, asphalt pavement milling, pavement patching, Class II base course, scarification and compaction of the roadbed, asphalt concrete pavement, Portland Cement Concrete Pavement, cofferdams, stormwater pumping station, pavement striping, signs, legends, and symbols. Mr. Rafferty's responsibilities for this project were to ensure that the resident inspector is preparing daily reports, inspecting the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications, and attending all the progress meetings. He also oversaw that the resident inspector is writing in his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor. The entire construction contract administration and construction engineering and inspection for this project are managed through LaDOTD SiteManager.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Wayne Lemoine Inspector
Project Assignment:
Resident Inspector
Name of Firm with which associated:
Design Engineering, Inc.
Years' experience with this Firm:
4
Education: Degree(s)/Year/Specialization:
Certifications: LaDOTD Structural Concrete Inspector, Basic Bridge Safety Inspector's Training, Bridge Inspection Update, Nondestructive Evaluation of Bridge Conditions, Bridge Inspector, Movable Bridge Inspection Training Course, ATSSA Flagger, ATSSA Traffic Control Supervisor, Prager Gear Seminar, Pump and Seal School, Stream Stability and Scour at Highway Bridges for Bridge Inspectors, Hazwoper, Industrial Hydraulics, Deleading of Industrial Structures, Inspection of Fracture Critical Bridge Members
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p><u>Southbound Causeway Safety Rail Improvements (CE&I):</u> Mr. Lemoine performed inspections for the improvement of the existing bridge railing system to MASH Test Level 4, the repair of damaged concrete railing, replacement of impact attenuators, relocation of signs and supports, modification of call boxes, installation of pavement markings, and installation of access platforms. Construction administration included the organization of progress meetings, review of submittals (e.g., Construction Schedules, RFIs, Plan Changes, and Materials), and processing of partial pay estimates. Resident inspection included the observation of construction activities (e.g., 48 miles of bridge rail fabrication and installation, 138,000 epoxied anchor rods, and repair of damaged concrete rail), production of daily reports, review of TTC installation/removal, and review of on-site safety.</p> <p><u>La 70 Mississippi River Bridge, Phase II CE&I, Painting Inspection, and Environmental Monitoring, St. James Parish, LA:</u> Mr. Lemoine performed structural steel inspection, traffic control inspection, structural concrete repair inspection, and contract administration for the LA 70 Bridge over the Mississippi River. He coordinated the painting and environmental operations with SiteManager Reports and Daily Work Reports. This project included strengthening steel members, repairing end dams and roadway joints, and painting the steel approaches.</p> <p><u>Sunshine Bridge, Donaldsonville, LA:</u> Mr. Lemoine performed inspections on repairs to the expansion joints on the Sunshine Bridge. Mr. Lemoine also inspected the placement of epoxy in the roadway repair. He was responsible for preparing the daily report and attending all project meetings. Mr. Lemoine also reviewed and processed Contractors' invoices.</p> <p><u>Repairs & Replacement of the 9-Mile Turnaround Spans on Lake Pontchartrain Causeway, St. Tammany and Jefferson Parishes, LA.:</u> Mr. Lemoine served as the inspector for pile driving and structural concrete placement. He maintained all the SiteManager records and performed sampling and testing for concrete placements on the decks. The project cost \$2M.</p>

TEC Professional Services Questionnaire

Causeway Bridge, Metairie, LA: Mr. Lemoine held the position of Senior Bridge Inspector and Coordinator with the Greater New Orleans Expressway Commission. He inspected the installation of the dynamic boards at the Causeway bridge. Additionally, he inspected the reconstruction of the electrical system of the North Toll Plaza Building and the reconstruction of the exit road and parking lot at the North Toll Plaza.

Louisiana Timed Program (LTM), Statewide, LA.: Mr. Lemoine was the lead inspector assigned to the Huey P. Long Bridge widening project. He managed and inspected the widening of the current bridge to include three 11-foot travel lanes in each direction, along with inside and outside shoulders. Instead of adding pier foundations for the main river bridge, the construction plans called for the widening of pier shafts above the existing caisson foundations and the addition of two new parallel trusses to accommodate the widened roadway along the main bridge. For the approaches, new parallel structures were built to accommodate the new roadways. The construction cost \$5.2B.

Mr. Lemoine was the Maintenance and Inspection Supervisor for the following:

- Bayou Sarah Swing Bridge
- Judge Perez Bridge
- Claiborne Avenue Bridge (Judge Seeber Bridge)
- Danziger Bridge
- US 11 North Draw
- Chef Menteur Pass
- Houma Navigation Bridge
- Bayou Dularge Bridge
- Raceland Vertical Lift Bridge
- Kerner Swing Bridge
- Kraemer Vertical Lift Bridge
- La 24 Company Canal Bridge
- LaRose Vertical Lift Bridge
- Lockport Swing Bridge
- Bayou Black Bridge
- LA-661 Bayou LaCarpe Bridge
- Bayou La Loutre Bridge

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Gary Conerly Inspector
Project Assignment:
Resident Inspector
Name of Firm with which associated:
Design Engineering, Inc.
Years' experience with this Firm:
1
Education: Degree(s)/Year/Specialization:
Certifications: LaDOTD Structural Concrete Inspector, Troxler Nuclear Gauge Safety Certification, Toxler Hazmat Certification, ACI Concrete Strength Testing Technician, ACI Concrete Field-Testing Technician – Grade I, ATSSA National Flagger Certification.
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p>Power Blvd. Median improvements (West Esplanade Ave. – Vintage Dr.): Mr. Conerly is currently performing inspections for approximately 4,800 LF of the creation of a bike/pedestrian path along the median area of Power Blvd. between West Esplanade Ave. and Vintage Drive. The project includes clearing and grubbing, grading, drainage structures, pavement patching, class ii base course, precast concrete piles, lighting, concrete walks, landscaping, pedestrian bridge, and related work. Mr. Conerly prepares daily reports, which are recorded through the LADOTD site manager system, inspects the progress of the work to ensure that the contractor complies with the requirements of the plans and specifications, and attends all the progress meetings. Mr. Conerly writes in his daily diary items of work performed for the day and the comparison of quantities installed with the contractor.</p> <p>Macarthur Drive Interchange Completion: Mr. Conerly served as the resident inspector for the Macarthur interchange project, overseeing critical aspects of construction. Mr. Conerly's role focused on concrete maturity, density, and strength inspections. His responsibilities included monitoring the demolition, pile installations, and coordination with geotechnical engineers. Mr. Conerly's expertise contributed significantly to ensuring the project's compliance with LADTOD and FHWA requirements.</p> <p>Huey P. Long Bridge: Mr. Conerly oversaw the inspection of the Huey P. Long Bridge widening project, executed in multiple phases. The project transformed the two-lane bridge into three 11-foot travel lanes in each direction, with inner and outer shoulders. The construction plans avoided additional pier foundations for the main bridge, opting for the widening of pier shafts above existing caisson foundations. Two new parallel trusses were added to support the expanded roadway on the main bridge, while new parallel structures were built for the approaches. Mr. Conerly prepared daily reports, recorded through the project management system, ensuring compliance with plans and specifications. His daily diary documented work progress, including a detailed comparison of installed quantities with contractual specifications.</p> <p>Severn Avenue: Veterans - W. Esplanade: Mr. Conerly provided resident inspection for the removal and replacement of roadway, sidewalks, ADA ramps, pedestrian crosswalks, and the installation of cross signals of Severn Ave. As part of the statewide transportation improvement program (STIP), the project aimed to enhance pedestrian safety in response to increased traffic. Mr. Conerly conducted concrete inspections, soil testing, compaction testing, and vibration monitoring. Mr. Conerly inspected the progress of the work to ensure that the contractor complied with the requirements of the plans and specifications.</p>

TEC Professional Services Questionnaire

Louis Armstrong International Airport: Mr. Conerly provided resident inspection for the \$1 billion MSY Airport project. The project included constructing a new terminal, parking facilities, and a third concourse dedicated to international flights. Managing an on-site facility. Mr. Conerly's responsibilities include concrete, steel, strength, and pile inspections, ensuring strict adherence to project specifications and plans. Mr. Conerly prepared daily reports, recorded through the project management system, ensuring compliance with plans and specifications. His daily diary documented work progress, including a detailed comparison of installed quantities with contractual specifications.

Thibodaux Regional Cancer Center: Mr. Conerly served as the resident inspector for the Thibodaux Regional Cancer Center, a significant \$35 million project featuring a five-story building spanning nearly 100,000 square feet. This facility expansion aimed to accommodate the growth of the hospital's cancer program. Mr. Conerly supervised various aspects, including geo-lab and field activities, concrete inspections, pile inspections, and vibration monitoring, ensuring the project's compliance with specifications.

New Orleans Youth Study and Juvenile Justice Center: Mr. Conerly provided resident inspection for the replacement of the 54-year-old youth study center. This \$35 million New Orleans Juvenile Justice Center project includes 40 beds, courtrooms, offices, medical spaces, classrooms, and social service areas. Mr. Conerly's responsibilities included pile, concrete, steel, and density inspections, ensuring strict adherence to project specifications and plans.

Lake Lery Marsh Creation & Rim Restoration: Mr. Conerly provided resident inspection for the creation of 177 acres of marsh, nourishment of an additional 209 acres, and the construction of a protective embankment along Lake Leary's northwestern shoreline. Mr. Conerly's responsibilities included managing geotechnical engineering, overseeing soil borings, and ensuring strict adherence to project specifications and plans.

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>419-423 Carondelet St. Apartments and Commercial Lease Space Development New Orleans, LA</p> <p>419 Carondelet LLC Mike Williams buildnola@yahoo.com (504) 874-6283</p>	<p>The 419 Carondelet project included the design, management, and rehabilitation of a historic 1858 building in the Central Business District of New Orleans. The project team converted the building into a sixteen-unit high-end residential apartment building with three ground-floor commercial spaces facing Carondelet Street.</p> <p>Due to the property's failing condition at the time of acquisition, the project included steel shoring of the building, selective demolition, brick repointing, and the restoration and repurposing of many exterior and interior components. All components that could be salvaged or repaired were disassembled, then reinstalled or repurposed in the building with a goal of respecting the historic characteristics while bringing a modern influence to the design. During renovation, an on-site wood-working shop was set-up on the first floor. This is where original wood windows, interior wood doors, and all millwork were repaired and/or rebuilt. The salvaged wood flooring and wood beams were re-milled into new wood flooring with a herringbone pattern and brass inlay. Modern conveniences and up-to date code compliance items were carefully incorporated into the overall historic character of the building. In addition, the rear courtyard building, which had partly collapsed, was reconstructed, and a saltwater pool was added to the courtyard.</p>	
		
		
Completion Date (Actual or estimated):	Estimated Cost:	
2019	Entire Project:	Work for which Firm was Responsible:
	\$6,000,000.00	\$6,000,000.00

TEC Professional Services Questionnaire

PROJECT NO. 2		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>315 Girod St. Development Project New Orleans, LA</p> <p>315 Girod LLC Mike Williams buildnola@yahoo.com (504) 874-6283</p>	<p>This project consisted of a historic renovation of a five-story building in New Orleans, Louisiana, which was formerly used as a fabrication shop. Design Engineering, Inc. (DEI) was responsible for structural design and modifications necessary to support the building's change in occupancy and to bring it up to current code standards.</p> <p>DEI's scope included designing enlarged footings and a new slab-on-grade foundation to accommodate modern loading requirements. The team also detailed steel strengthening plates for the existing timber columns and girders to enhance structural stability. Additionally, DEI designed new timber-concrete composite floor systems and other key structural improvements. These modifications were carefully developed to retain and incorporate the original timber and masonry components of the building, in alignment with historical preservation requirements.</p>	
		
		
Completion Date (Actual or estimated):	Estimated Cost:	
2022	Entire Project:	Work for which Firm was Responsible:
	\$5,000,000.00	\$5,000,000.00

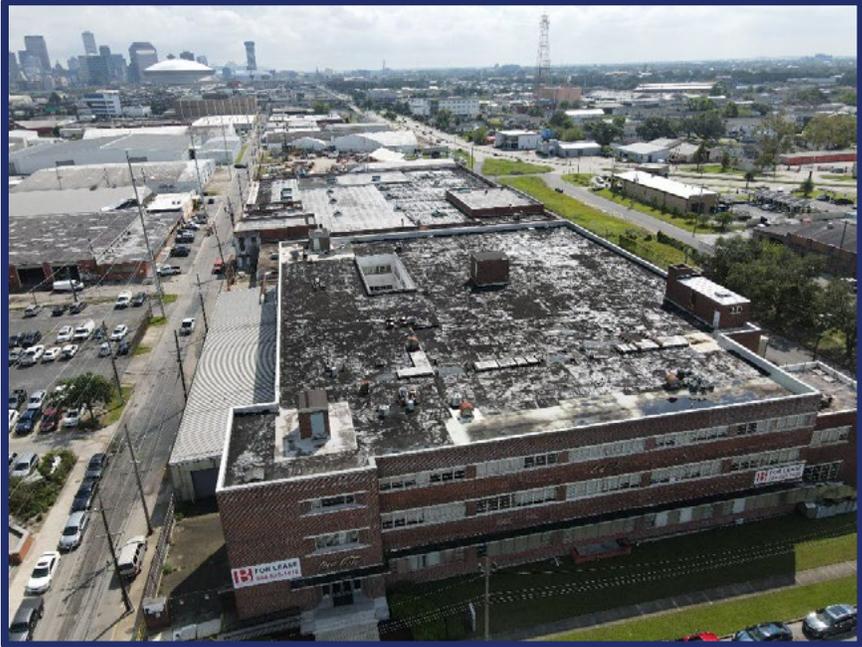
TEC Professional Services Questionnaire

PROJECT NO. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>Historic Renovations of 822 Howard Ave. New Orleans, LA</p> <p>822 Howard LLC Mike Williams buildnola@yahoo.com (504) 874-6283</p>	<p>Design Engineering, Inc. designed, and managed the renovation and construction of an existing warehouse and converted it into a residential apartment building with a total of 15 units. The completed renovation includes 23,000 square feet of rentable apartments in the Warehouse District building in the City of New Orleans.</p> <p>This project was a complete renovation and restoration of a building erected in the 1920s. The entire interior was removed, the foundations were strengthened, and floors, windows, HVAC, and all other features were replaced. The exterior structure was strengthened as required all while maintaining the historical façade and silhouette of the building. In addition, an additional story was added to create a penthouse suite on top of the existing structure.</p>	
<div style="display: flex; flex-direction: column; gap: 10px;">   </div>		
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	\$4,000,000.00	\$4,000,000.00

TEC Professional Services Questionnaire

PROJECT NO. 4

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Coca Cola Building 1050 S. Jefferson Davis Parkway Redevelopment New Orleans, LA</p> <p>Ethos Properties, LLC 5701 S. Claiborne Avenue New Orleans, LA 70125</p>	<p>Built in 1947, this historic and charming building was originally home to the Coca-Cola Bottling Company.</p> <p>The historical renovation project required analysis of existing trusses to verify that the bottom chord horizontal cross bracing members could be safely removed. It required designing an additional new truss bracing system to ensure compatibility with the architect's interior design requirements.</p> <p>The team analyzed existing precast concrete roof panels and designed framing to accommodate new lightwell and skylight penetrations. It analyzed existing trusses and purlins and design framing to accommodate new and heavier rooftop equipment.</p> <p>The team also designed new columns, transfer beams, and connections at multiple column removal locations (3 of the 4 major lightwells).</p>	
<div style="display: flex; flex-direction: column; gap: 10px;">   </div>		
Completion Date (Actual or estimated):	Estimated Cost:	
2023	Entire Project:	Work for which Firm was Responsible:
2023	\$57,000,000.00	\$57,000,000.00

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Causeway Blvd. Overpass at Airline Drive Jefferson Parish, LA</p> <p>Mark Drewes Jefferson Parish Engineering 1221 Elmwood Park Blvd. Jefferson, LA (504) 736-6505</p>	<p>This project requires that DEI conduct a comprehensive structural inspection of all portions of the Causeway Boulevard Overpass of Airline Drive (all existing bridge components north of the southern right-of-way line of Airline Drive); perform a load capacity rating analysis of the AS-BUILT and AS-IS conditions of the structure; and submit a comprehensive repair/rehabilitation report prioritizing recommended repairs/corrective measures. Based on the findings of the report, DEI is responsible for the production of plans, specifications, and contract documents to repair/replace the Overpass's girders, bearings, deck, guardrails, and drainage system.</p>	
<div style="display: flex; flex-direction: column; gap: 10px;">   </div>	<p>The multi-level rotary interchange (and associated bridges) at Causeway Blvd and Airline Highway was constructed by the GNOEC (Causeway Commission) in 1957. Most of the structure is now owned by Jefferson Parish (though some is still managed by the DOTD). Since the structure was completed, little maintenance has been performed. This project consists of eight (8) ramps, a traffic circle, and an overpass of Airline Hwy.</p> <p>DEI has conducted a comprehensive structural inspection of all portions of the Causeway Boulevard Overpass of Airline Drive (all existing bridge components north of the southern right-of-way line of Airline Drive); performed a load capacity rating analysis of the AS-BUILT and AS-IS conditions of the structure; and provided a comprehensive repair/rehabilitation report prioritizing recommended repairs/corrective measures.</p> <p>DEI has designed innovative solutions to improve this structure so that it might serve the people of Jefferson Parish for many more decades to come. Additionally, DEI provided full-time resident inspection and testing services during construction.</p> <p>This project is integral to several of the Parish's most trafficked corridors (including Causeway Blvd, Airline Drive, and Jefferson Highway). It will soon also connect to Earhart Expressway. As such, this facility is a critical component of East Jefferson's roadway network. DEI won the ACI Best Overall Concrete award for this project.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	\$4,212,000.00	\$4,002,000.00

TEC Professional Services Questionnaire

PROJECT NO. 6

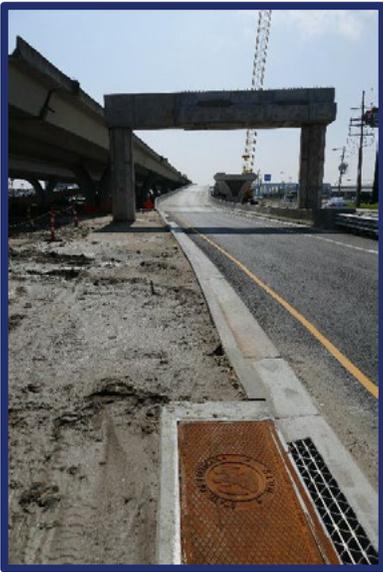
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Washington Ave. Pedestrian Crossing Xavier University New Orleans, LA</p> <p>Marvin Thompson City of New Orleans, DPW 1300 Perdido Street New Orleans, LA (504) 658-8047</p>	<p>DEI was responsible for the engineering during construction, construction administration, and full-time resident inspection for the construction of an elevated pedestrian crossing over Washington Avenue, Drexel Drive, and the Washington Avenue Canal for use by Xavier University students. This project was designed to dramatically improve pedestrian safety and vehicular traffic flow by minimizing student foot traffic across a busy multi directional intersection.</p> <p>The project was partially funded by DOTD. As such, DEI was required to coordinate activities through DOTD, the City of New Orleans, and Xavier University.</p> <p>Under the supervision of DEI, the project resulted in the construction of a three (3) bent, two (2) pan, pile supported pedestrian walkway once the Washington Avenue Canal and Washington Avenue. The entry points for this walkway are two towers, which were also built as a part of the project. The south tower (Tower 1) is located about 60 feet northwest of the intersection between Washington Avenue and Fern Street. The north tower (Tower 2) is located about 50 feet west of the projection of Fern Street to the north and about 80 feet north of Drexel Street. Each tower contains both a stairwell and an elevator. The entire construction contract administration and construction engineering and inspection for this project was managed through LaDOTD SiteManager Program.</p>	
 		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	\$855,489.00	\$855,489.00

TEC Professional Services Questionnaire

PROJECT NO. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>West Esplanade Avenue Canal Crossing Jefferson Parish, LA</p> <p>Mitch Theriot Jefferson Parish Engineering 1221 Elmwood Park Blvd. Jefferson, Louisiana (504) 736-6512</p>	<p>DEI was contracted by Jefferson Parish to provide feasibility/ conceptualization, hydraulic engineering, preliminary and final plans, construction administration, and resident inspection services for the improvements to the West Esplanade Avenue Crossing (Between Williams Blvd. and Power Blvd.)</p> <p>This project included the installation of 500 feet of twin 96" diameter reinforced concrete arch pipes with headwalls to accommodate crossing of West Esplanade Avenue Median Canal and the installation of reinforced concrete u-shaped transitions structures from 96" diameter reinforced concrete arch pipe headwall to earthen canal.</p> <p>The project also required large confluence boxes as well as on site adjustment to drainage laterals in order to avoid penetration of the recycled pipe that was used in the project in order to save costs and use a resiliency design technique.</p> <p>The West Esplanade Avenue Median Canal Crossing also consisted of the following:</p> <ul style="list-style-type: none"> 50 ft. taper to 100 ft. storage lane to east-to-west U-turn; 4-lane crossing with traffic signal system; 50 ft. taper to 200 ft. storage lane to west-to-east U-turn 	
 		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017	\$3,000,000.00	\$3,000,000.00

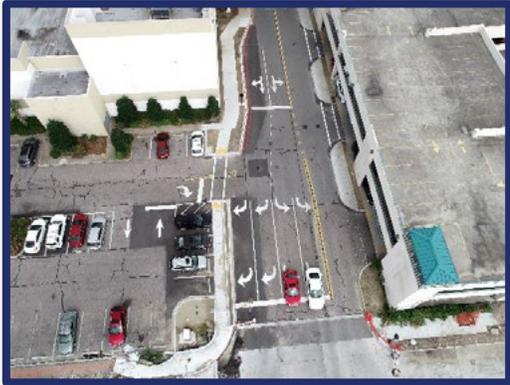
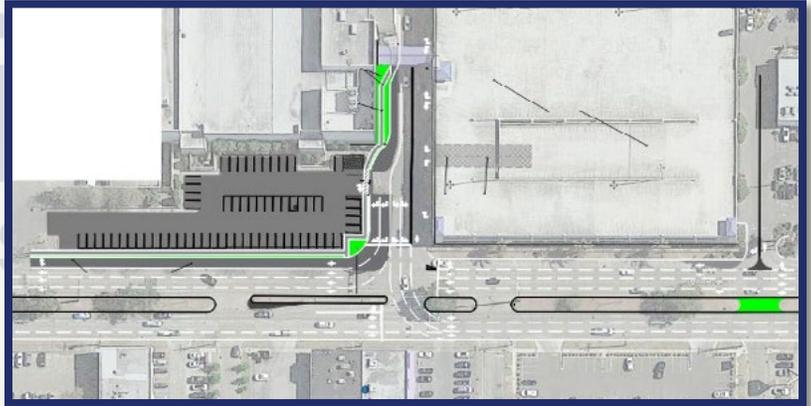
TEC Professional Services Questionnaire

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>MacArthur Drive Interchange Completion Jefferson Parish, LA</p> <p>Mark Drewes Jefferson Parish Engineering 1221 Elmwood Park Blvd. Jefferson, LA (504) 736-6505</p>	<p>Design Engineering, Inc. (DEI), as prime consultant, led the feasibility study, Stage 0, preliminary and final design, and full construction engineering services for this major infrastructure project. DEI coordinated closely with Jefferson Parish, LaDOTD, and FHWA to design solutions addressing severe traffic congestion while meeting federal and state standards.</p> <p>The \$42.6 million project was completed in two phases. Phase 1 included relocation of frontage roads, drainage upgrades, utility relocations, and right-of-way acquisition. DEI managed utility coordination with Entergy, AT&T, and Jefferson Parish Water and Sewer, reviewed RFIs and shop drawings, and issued plan revisions. Phase 2 widened the elevated Westbank Expressway from Manhattan Blvd. to the Harvey Canal. DEI managed demolition of existing ramps and structures, pile driving, installation of prestressed concrete girders, and monitoring of geotechnical conditions.</p> <p>DEI served as the lead construction engineer throughout both phases, coordinating with five subconsultants, preparing change orders, and attending public and DOTD meetings. The project received DOTD's highest performance rating and earned the ACI Best Project of the Year award. It is now fully operational and has been praised by both Jefferson Parish and the traveling public.</p>	
		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2016	\$39,000,000.00	\$4,700,000.00

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Duncan Canal Bridge Replacement Kenner, Louisiana</p> <p>Jose Gonzalez City of Kenner 1610 Reverend Richard Wilson Dr. Kenner, LA 70062 (504) 468-7515</p>	<p>This project is located at the confluence of West Esplanade Canal and Duncan Canal in the City of Kenner (Jefferson Parish). The objective of the project is to reduce restriction in both Canals by removing the aging wooden bridge structures and replacing it with two modern large double barrel concrete box culverts (2 boxes in each canal).</p> <p>A secondary objective is to reduce the "perch" of the bridges so that traffic sight lines are improved. This will result in increased driving safety, which is an important feature in this highly trafficked corridor which is adjacent to multiple retail outlets, a shopping mall, and several residential areas.</p> <p>Another secondary objective is to improve the location aesthetically by removing the unsightly structures and replacing them with large box culverts that will enclose large portions of the canals, add green space, and allow for decorative landscaping as well as potential recreation.</p> <p>Design Engineering, Inc. performed multiple planning, design, and engineering tasks, most notably the hydraulic analysis for this primary drainage canal for the City of Kenner as well as the structural design for the boxes. The Duncan Boxes alone are over 13 feet tall and 80 feet wide inside the openings (the actual structure is of course much larger).</p>	
 		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017	\$12,503,000.00	\$9,230,000.00

TEC Professional Services Questionnaire

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Severn Avenue Intersection Improvements at JCPenney, Metairie, LA</p> <p>Brian Lade The Feil Organization (504) 835-8000</p>	<p>Design Engineering, Inc. used cameras and traffic-counting software to provide The Feil Organization with peak-hour and total vehicle counts over the span of multiple weeks. Upon reviewing the data, The Feil Organization decided a reconfiguration of the intersection of the roadway at JCPenney and Severn Ave. was necessary to improve traffic flow.</p> <p>DEI is responsible for providing all services required for preparation of preliminary design plans, final plans, specifications, and bid documents for the addition of two turning lanes exiting the Lakeside Shopping Center at JCPenney and the addition of a Northbound lane of Severn Ave between the JCPenney and Dillard's parking garages. The project is being designed to be incorporated with the ongoing Severn Ave. Improvements Project (from Veterans Blvd. to West Esplana</p>	
<div style="display: flex; flex-direction: column; gap: 10px;">   </div>		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	\$500,000.00	\$500,000.00

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.

Design Engineering, Inc. (DEI), a Jefferson Parish Woman-Owned Small Business, is a highly qualified civil engineering firm with over 40 years of experience serving Jefferson Parish and the Greater New Orleans region. Since 1984, DEI has delivered engineering design services for buildings, site facilities, flood protection, pumping stations, bridges, roadways, drainage systems, and water and sewer systems.

As a subconsultant on this project, DEI will provide structural and civil engineering services to support the prime consultant's architectural design. Our team includes licensed engineers with extensive experience delivering award-winning public-sector projects, including for Jefferson Parish, the City of New Orleans, LaDOTD, and FHWA. Relevant examples include the Westbank Expressway Ramp Improvements, the Airline Drive Interchange, and the 315 Girod Historic Renovation.

MINIMUM REQUIREMENTS FOR SELECTION

- 1. The persons or firms under consideration shall have at least one (1) principal who is a licensed, registered architect or professional engineer in the State of Louisiana. A subcontractor may not be used to meet this requirement.:**

Design Engineering, Inc. meets this requirement through multiple team members. For brevity, we highlight Dr. Jim Martin, Ph.D., P.E., a Registered Professional Engineer in Louisiana with over 20 years of civil engineering

TEC Professional Services Questionnaire

experience and a doctorate in hydraulics.

- 2. The persons or firms under consideration shall have a professional in charge of the Project who is a licensed, registered architect in the State of Louisiana with a minimum of eight (8) years' experience. A subcontractor may not be used to meet this requirement. (Section K. "PROFESSIONAL IN CHARGE OF PROJECT:" of TEC Professional Services Questionnaire):**

Mr. John Holtgreve, P.E. meets this requirement. He is a Registered Professional Engineer in Louisiana with over 50 years of experience in building design, roadways, drainage, utilities, and flood control.

- 3. The persons or firms under consideration shall have one (1) employee who is a licensed, registered architect or professional engineer in the State of Louisiana in the applicable discipline involved. A subcontractor may meet this requirement only if the advertised Project involves more than one discipline (Section D. of TEC Professional Services Questionnaire).**

Design Engineering, Inc. has several personnel that meet this requirement. For the sake of brevity, we have included only Dr. Martin. **Jim Martin, Ph.D., P.E.** has over 20 years of design and management experience with Civil Engineering projects and is a Registered Professional Engineer in the State of Louisiana with a doctorate degree in hydraulics.

- 4. The persons or firms under consideration shall have at least one (1) employee or subcontractor who is a licensed, registered architect or professional engineer who has at least eight (8) years of noted experience in the design and construction administration of Public Libraries. (Section I. and/or K. of TEC Professional Services Questionnaire). Louisiana licensure is not required for this item, however, if this person is not licensed in Louisiana, they cannot also be the "PROFESSIONAL IN CHARGE OF PROJECT" as noted in item 2.**

Design Engineering, Inc. has several personnel that meet this requirement. For the sake of brevity, we have included only Mr. Holtgreve. **John Holtgreve, P.E.** has over 50 years of design and management experience with Jefferson Parish and is a Registered Professional Engineer in the State of Louisiana with vast experience in building design, roadway design, highway design, drainage improvements, water and sewer systems, flood control projects, underground utilities, and bridge design projects.

EVALUATION CRITERIA

1. PROFESSIONAL TRAINING AND EXPERIENCE

Design Engineering, Inc. (DEI) brings over 40 years of engineering experience throughout Jefferson Parish and the Greater New Orleans region. Our firm has a long history of working on complex civil and structural projects, especially those tied to public infrastructure, community facilities, and high-visibility civic improvements. This deep local experience gives us a nuanced understanding of the Parish's priorities, standards, and processes.

Our staff includes licensed Professional Engineers with expertise in civil site design, structural systems, ADA accessibility, drainage infrastructure, and construction administration. These skill sets directly support the type of multidisciplinary collaboration required for public buildings such as the West Bank Regional Library. Many of our engineers also hold advanced degrees and specialty certifications in hydraulics, transportation systems, and structural design—ensuring that our work is technically sound, efficient, and resilient.

DEI has successfully contributed engineering services on award-winning civic projects including the structural rehabilitation of the 315 Girod and 419 Carondelet buildings—both complex historic renovations requiring innovative structural solutions—as well as large-scale infrastructure projects like the Westbank Expressway Ramp Improvements and the Airline Drive Interchange. These efforts showcase our ability to support architectural design teams on projects where safety, functionality, and accessibility are essential.



TEC Professional Services Questionnaire

Our experience extends from feasibility studies and preliminary engineering to construction-phase support such as shop drawing review, utility coordination, and field response. We routinely work with Jefferson Parish, LaDOTD, and FHWA, and understand how to navigate the technical and regulatory requirements tied to publicly funded projects.

As a Woman-Owned Small Business based in Jefferson Parish, DEI is deeply invested in the success of this project and well-equipped to support the development of a safe, flexible, and community-focused library facility.

2. SIZE OF FIRM

DEI's firm size is well-suited to handle the scope of this engagement. We maintain a strong in-house staff of licensed engineers, E.I.s, and support personnel capable of managing design and construction-phase services on an as-needed basis.

3. CAPACITY FOR TIMELY COMPLETION

Our current workload allows for immediate engagement on this project. With several major assignments recently completed, our team has the available capacity to meet all project milestones and deadlines for the West Bank Regional Library project.

4. PAST PERFORMANCE ON PARISH CONTRACTS:

Design Engineering, Inc. (DEI) has earned a strong reputation for delivering high-quality, award-winning projects across Jefferson Parish and the Greater New Orleans area. Our work consistently reflects engineering excellence, on-time delivery, and responsiveness to public-sector needs.

We have been recognized for both innovative design and successful execution by organizations such as the American Concrete Institute (ACI), the Louisiana Landmarks Society, and the U.S. Army Corps of Engineers. Notable recognitions include:



- **Award of Excellence in Historic Preservation** – The Mary Beth Hotel, 310 S. Rampart St. (2024)
- **Overall Best Concrete Project in Louisiana & Award of Excellence** – Causeway Blvd. Overpass at Airline Drive (2023)
- **Award of Excellence in Historic Preservation** – 315 Girod/Ironworks Building Project (2023)
- **Award of Excellence** – Seawall Erosion Control Paving Project (2022)
- **Award of Merit** – St. Andrew Street Wharf Erosion Mitigation (2022)
- **Award of Excellence in Historic Preservation** – 419 Carondelet (2019) and 822 Howard Ave. (2017)
- **Overall Best Concrete Project in Louisiana & Award of Excellence** – MacArthur Interchange Phase 1B (2016)
- **Multiple Awards** – Planter's Pump Station Frontal Protection (2012), including Overall Best Project, Concrete Sustainability, and ACI Excellence
- **USACE Certificate of Appreciation** – For outstanding performance on the Hurricane and Storm Damage Risk Reduction System (2012)

Across all projects, DEI has remained on schedule and within budget while supporting public infrastructure goals. Our ability to collaborate effectively with Parish departments, agencies, and private stakeholders continues to distinguish our performance in the region.

5. ADVERSARIAL LEGAL PROCEEDINGS:

Design Engineering, Inc. is not now, nor has it ever been, involved in any adversarial legal proceedings between the Parish and any related parties.

TEC Professional Services Questionnaire

6. PRIOR SUCCESSFUL COMPLETION OF PROJECTS OF THE TYPE AND NATURE OF THE ENGINEERING SERVICES:

DEI has completed dozens of successful projects in the Greater New Orleans Area. A brief listing is shown below:

- **822 Howard Development Project**
- **419 Carondelet Development Project**
- **315 Girod Development Project**
- **Coca Cola Building**
- **Thalia St. Wharf – New Parking Garage**
- **Lakeshore Drive Shelter No. 3**
- **Xavier University College of Pharmacy Building**
- **Macarthur Dr. Interchange Completion Project (At-Grade Roadway & Bridges)**

7. LOCATION OF OFFICE:

DEI maintains its principal office in Jefferson Parish at 3330 West Esplanade Avenue, Suite 205, Metairie, Louisiana, and has done so for 40 years.

- We are headquartered in Jefferson Parish and offer outstanding geographic proximity to serve the Parish under this assignment.
- All proposed project personnel work in Jefferson Parish, and many live here as well.
- DEI has worked closely with federal, state, and local governments, as well as private industry and local communities, for over 40 years.
- We can and will provide responsive services as required for this project.



**BEST OVERALL CONCRETE PROJECT & AWARD OF EXCELLENCE
MACARTHUR INTERCHANGE COMPLETION PROJECT – PHASE 1B**



**OVERALL BEST PROJECT, AWARD OF CONCRETE SUSTAINABILITY & AWARD OF EXCELLENCE
PLANTER'S PUMP STATION FRONTAL PROTECTION**



**AWARD OF EXCELLENCE & AWARD FOR BEST PROJECT
EAST AND WEST APPROACH TO STARS AND STRIPES BLVD.**

TEC Professional Services Questionnaire

AWARDS

- Award of **Excellence** in Historic Preservation from The La Landmarks Society for The Mary Beth Hotel, 310 S. Rampart St. (2024)
- **Overall Best Concrete** Project in Louisiana from ACI Louisiana Chapter for Causeway Blvd. Overpass at Airline Dr. (2023)
- Award of **Excellence** from ACI Louisiana Chapter for Causeway Blvd. Overpass at Airline Dr. (2023)
- Award of **Excellence** in Historic Preservation from The La Landmarks Society for 315 Girod/Ironworks Building Project (2023)
- Award of **Excellence** from the ACI, Louisiana Chapter for Seawall Erosion Control Paving (2022)
- Award for the **Best Place to Work** from the City Business (2022)
- Award of **Merit** from the ACI, Louisiana Chapter for St. Andrew Street Wharf Erosion Mitigation (2022)
- Award for the **Top Engineering Firm** from the City Business (2021)
- Award for the **Top Engineering Firm** from the City Business (2020)
- Award of **Excellence** in Construction and Real Estate from City Business (2019)
- Award of **Excellence** in Historic Preservation from The La Landmarks Society for 419 Carondelet Project (2019)
- Award of **Excellence** in Historic Preservation from The La Landmarks Society for 822 Howard Project (2017)
- **Overall Best Concrete** Project in Louisiana from ACI Louisiana Chapter for MacArthur Interchange Completion Project –Phase 1B (2016)
- Award of **Excellence** from ACI Louisiana Chapter for MacArthur Interchange Completion Project – Phase 1B (2016)
- Award of **Excellence** from the ACI, Louisiana Chapter for the **OLD** Seawall Erosion Control Paving Project – Reach 1B (2014)
- **Most Improvement to the Public Award** from the ACI, Louisiana Chapter for the **OLD** Seawall Erosion Control Paving Project – Reach 1B (2014)
- **Overall Best Project** in Louisiana from the ACI, Louisiana Chapter for Planter's Pump Station Frontal Protection (2012)
- Award for **Concrete Sustainability** from the ACI, Louisiana Chapter for Planter's Pump Station Frontal Protection (2012)
- Award of **Excellence** from the ACI, Louisiana Chapter for Planter's Pump Station Frontal Protection (2012)
- **USACE – New Orleans District Certificate of Appreciation**, for Exceptional Achievement in support of the Mississippi Valley Division's New Orleans District and the Execution of the Hurricane and Storm Damage Risk Reduction System (2012)
- **Exceptional Project Rate**, for LPV 106, US Army Corps of Engineers Hurricane Protection Office (2012)
- Award of **Merit** from ACI for the **OLD** Plaza Area Paving at Stepped Seawall on Lakeshore (2007)
- Award of **Excellence** from ACI for the **OLD** Lakeshore Drive – London Avenue Canal Bridge Replacement (2004)
- Award of **Merit** from ACI for the **OLD** Retaining Wall Restoration at the New Orleans Lakefront Airport (2002)
- **Creative Design Utilizing Precast and Prestressed Concrete** from PCI for the **OLD** East Approach to Stars and Stripes Boulevard (1999)
- Concrete Project Award from G.S.P.C.A. for **Best Project** for the **OLD** Stars and Stripes Boulevard East and West Approach (1997-98)
- **Best Project of the Year** in Louisiana award from ACI, Louisiana Chapter for the **OLD** East Approach to Stars and Stripes Boulevard (1997)
- Award of **Excellence** from the ACI, Louisiana Chapter for the **OLD** East Approach to Stars and Stripes

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

Signature: _____  _____ Print Name: **Jim Martin, Ph.D., P.E.** _____

Title: **President** _____ Date: **May 1, 2025** _____

SECTION 004

TEC Questionnaire Forms



SMM

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ No. 25-0015
New West Bank Regional Library

B. Firm Name & Address:

Spackman Mossop Michaels
1824 Sophie Wright Place, New Orleans, LA 70130

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 Wesley Michaels, Principal, 1824 Sophie Wright Place, New Orleans, LA 70130, wes@smm.studio

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.

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

<u> 1 </u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u> </u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u> </u> Civil Engineers	<u> </u> Interior Designers	<u> </u> Project Managers
<u> </u> Construction Inspectors	<u> 8 </u> Landscape Architects	<u> </u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u> </u> Engineer Intern	<u> </u> Environmental Engineers	
<u> </u> Professional Land Surveyors		<u> 9 </u> TOTAL

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

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

TEC Professional Services Questionnaire

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

1.

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

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

 9

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:

Kenneth "Wes" Michaels, Principal

Project Assignment:

Principal-in-Charge

Name of Firm with which associated:

Spackman Mossop Michaels

Years' experience with this Firm:

18

Education: Degree(s)/Year/Specialization:

Master of Landscape Architecture, Harvard University, 2003
Bachelor of Landscape Architecture, University of Georgia, 1997

Active registration: Year first registered/discipline:

Louisiana Registered Landscape Architect: No. M-300; Year first registered, 2006

Other experience and qualifications relevant to the proposed Project:

Wes Michaels is a founding principal of Spackman Mossop Michaels landscape architects. He is a licensed landscape architect with over 20 years of professional experience and a LEED Certified Professional. Wes has worked on a diverse range of projects from sustainable campus design to urban waterfronts on a national and international scale. His current work as principal of Spackman Mossop Michaels focuses on the interplay between culture and the environment in parks, streets and urban open space networks. Wes is an Associate Professor of Landscape Architecture at Tulane University and a Faculty Fellow at the Tulane Center on Climate and Urbanism. He previously taught at Louisiana State University and Auburn University.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Emily Bullock, Principal
Project Assignment:
Project Manager
Name of Firm with which associated:
Spackman Mossop Michaels
Years' experience with this Firm:
14
Education: Degree(s)/Year/Specialization:
Master of Landscape Architecture, Louisiana State University, 2011 Bachelor of Arts - Spanish and International Studies, Davidson University, 2005
Active registration: Year first registered/discipline:
Louisiana Registered Landscape Architect: B-425, Year first registered, 2022
Other experience and qualifications relevant to the proposed Project:
Emily Bullock is a Principal at Spackman Mossop Michaels landscape architects. Emily's work focuses on planting design, especially the use of native plants, and sustainable landscape design. She has worked on a range of projects that involve comprehensive stormwater management practices and the capture and reuse of water on site. Emily has experience working with dynamic and diverse communities across New Orleans, as well as in cities such as Detroit, Brownsville, TX, and Springdale, AR among others. Emily is active in several community-based organizations. She serves on the boards of The Water Collaborative and the Friends of Lafitte Greenway. She is also the Secretary of the Louisiana Chapter of the American Society of Landscape Architects.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Tanner Perrin, Senior Associate
Project Assignment:
Senior Associate
Name of Firm with which associated:
Spackman Mossop Michaels
Years' experience with this Firm:
1
Education: Degree(s)/Year/Specialization:
Bachelor of Landscape Architecture, Louisiana State University, 2013
Active registration: Year first registered/discipline:
Louisiana Registered Landscape Architect: P-225
Other experience and qualifications relevant to the proposed Project:
<p>Tanner Perrin is a Senior Associate in SMM's New Orleans office. He is a licensed Landscape Architect with over 11 years of professional practice. Prior to joining SMM, Tanner worked in Colorado and New York before returning home to Louisiana, where he finds inspiration and purpose in design that supports the diverse ecology of the Gulf Coast.</p> <p>Tanner has a deep understanding of tropical climates on plant palette selection and development and promotes a biophilic approach to design. As a project manager, he is committed to open collaboration with design professionals across trades and working closely with clients to realize their goals.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Shaohuai Xing, Associate
Project Assignment:
Associate
Name of Firm with which associated:
Spackman Mossop Michaels
Years' experience with this Firm:
8
Education: Degree(s)/Year/Specialization:
Master of Landscape Architecture, Louisiana State University, 2017 Bachelor of Arts, Dalian University of Technology, 2012
Active registration: Year first registered/discipline:
Louisiana Registered Landscape Architect: X-100, Year first registered, 2023
Other experience and qualifications relevant to the proposed Project:
Shaohuai Xing is a Landscape Designer in SMM's New Orleans office. Shaohuai is driven by the concept that "Design Changes Lives," and believes that landscape architecture is the most powerful way to influence people's living environment. As a designer whose focus is urban revitalization and stormwater management, he is drawn to the field as a comprehensive and multidisciplinary science. He is highly skilled in digital representation and brings our concepts to life through his renderings.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Pilar Zuluaga, Senior Designer
Project Assignment:
Design Production
Name of Firm with which associated:
Spackman Mossop Michaels
Years' experience with this Firm:
4
Education: Degree(s)/Year/Specialization:
Master of Landscape Architecture, Auburn University, 2021 Bachelor of Architecture, University of Los Andes, 2019
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p>Pilar Zuluaga is a Landscape Designer in Spackman Mossop Michaels's New Orleans office. Pilar has a background in and holds an undergraduate degree in Architecture from University of Los Andes in Bogota, Colombia and holds a master's degree in landscape architecture from Auburn University. Her interest and passion for social justice through design have led her to discover the transformative power that this field and profession has in the built environment. Prior to joining SMM, Pilar was researching on modular and progressive architecture as a means to empower and help under-served communities living in informal settlements at the periphery of Bogota, Colombia.</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:	
Reserve Branch Library Reserve, LA St. John the Baptist Parish Library Andra Tullos AFTullos@stjohn.lib.la.us	Landscape Architectural Design Stormwater Management	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024	\$12,500,000	\$42,000

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
New Orleans Convention Center Linear Park New Orleans, LA Ernest N. Morial Exhibition Hall Authority David Mason dmason@mccno.com	Landscape Architectural Design Streetscape Design Stormwater Management Design	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	\$65,000,000	\$394,000

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Tulane Bruff Quad New Orleans, LA Tulane University Randy Philipson	Landscape Architectural Design Stormwater Management	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Phase I Completed 2023 Estimated Phase II Completion 2025	Confidential	\$170,000

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Rosa F. Keller Library Renovation and Expansion New Orleans, LA City of New Orleans, New Orleans Public Library	Landscape Architectural Stormwater Management	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2012	\$6,800,000	\$25,000

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Joseph Bartholomew Walking Path New Orleans, LA City of New Orleans - Capital Projects Rodney Dionisio radionisio@nola.gov	Landscape Architectural Design Stormwater Management	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	\$392,700	\$56,000

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Children's Hospital New Orleans New Orleans, LA Children's Hospital, Inc. Scott Landry	Landscape Architectural Stormwater Management	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	\$225,000,000	\$109,000

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Tulane Native Gardens New Orleans, LA Tulane University Kristian Towles ktowles@tulane.edu	Landscape Architectural Design Stormwater Management Campus Design Open Space Activation	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	Confidential	\$51,000

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
JFI/ Jefferson Parish Gretna Retail	Landscape Architecture Stormwater Management	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Estimated Completion Date: 02/2027	\$9,100,000	\$18,000

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

TEC Professional Services Questionnaire

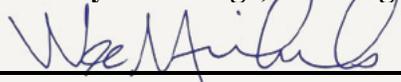
M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. N/A	N/A	N/A
2.		
3.		
4.		

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

Spackman Mossop Michaels (SMM) is a landscape architecture and urban design firm with offices in New Orleans, Louisiana and Sydney, Australia. The firm was established in 1994 and has an international reputation for major urban and landscape projects. U.S. co-founder and principal, Wes Michaels, has been involved in a range of consulting work in the U.S. since for over 20 years. The New Orleans office was established in 2007, and Emily Bullock joined as a firm principal in 2019. SMM is a studio-based design practice. We strive to find innovative ways to create healthy, inspiring and resilient landscapes. We design landscape strategies that respond deeply to context — ecological, cultural, and economic — integrating people and the environment. We believe landscapes are a living continuum and intentional design begins with the future in mind. All the principals have broad experience in physical design and planning and the realization of design projects. The structure of our practice allows the principals to be closely involved with all projects. The New Orleans office was awarded an ASLA National Honor Award in 2024, 2023, 2022 and 2017 and the ASLA National Award of Excellence in 2012, 2009 and 2008. We are a certified Hudson Initiative Small Business.

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

Signature:  Print Name: Kenneth W. Michaels
 Title: Principal Date: 4/29/2025

SECTION 005

Company Profile



About NANO

Design Excellence

Dedication to Community

Awards + Accolades

Consultant Team Overview

Dedication to DBE + SEB Firms

Licenses + Certifications

Capacity for Timely Completion

References



1347 MOSS STREET

ABOUT NANO

Who We Are

NANO is a renowned architecture firm based in Louisiana. For us, architecture is about building environments that connect to the present while opening possibilities for the future.

Founded in New Orleans in 2001 by Terri and Ian Dreyer, the firm has cultivated a diverse portfolio that spans cultural, civic, commercial, retail, residential, industrial, hospitality, and education sectors, focusing on projects that enhance the built environment and foster a stronger sense of place.

Our dedication to architectural excellence has garnered international acclaim, as evidenced by our receipt of the esteemed 2021 European Cultural Center (ECC) Venice, Italy Biennale Architecture Award. Locally, our efforts to engage deeply with communities have been acknowledged through accolades such as the 2022 Louisiana Growth Leader Award from Louisiana Economic Development (LED) and the Ernest N. Morial Small Business of the Year Award. Furthermore, our portfolio has been celebrated for design excellence by industry organizations such as the American Institute of Architects (AIA), the Louisiana Landmarks Society, and the International Interior Design Association (IIDA), among others.

CERTIFICATIONS

State + Local Disadvantaged Business Enterprise (SLDBE) by the City of New Orleans

Disadvantaged Business Enterprise (DBE) by the Sewerage + Water Board of New Orleans, Regional Transit Authority, Louisiana Department of Transportation + Development, Louis Armstrong New Orleans International Airport

Woman's Business Enterprise (WBE) + Woman-Owned Small Business (WOSB) by the Women's Business Enterprise National Council (WBENC)

Hudson Initiative

Goldman Sachs 10,000 Small Businesses Alumni





OCTAVIA BOOKS

Design Excellence in Community Learning Environments

NANO is dedicated to creating community learning centers that set a new benchmark for resilience, efficiency, and accessibility in New Orleans. Our designs focus on fostering safe, nurturing environments that support children's growth while ensuring long-term durability and adaptability.



INDOOR & OUTDOOR RESILIENCY

Our facilities withstand natural disasters, prioritize health and safety, and feature climate-responsive designs, ensuring children can learn and play in any condition.



DESIGNING SPACES THAT REFLECT THE UNIQUE NEEDS OF EACH COMMUNITY THROUGH PARTNERSHIP

By collaborating with city partners and local organizations, our projects are tailored to meet the needs of children, families, and communities, creating centers that embody the unique identity of their neighborhoods.



BUDGET-CONSCIOUS DESIGN

We deliver innovative, high-quality educational facilities that maximize value, stay within budget, and ensure long-term financial sustainability.



COLLABORATING WITH CITY & REGULATORY OFFICIALS

Proactive engagement with city and zoning officials ensures projects meet all requirements, streamlining approvals and enabling smooth implementation.



FATS DOMINO TINY HOUSE



INTERVIEWING CHIEF HOWARD FOR SUBMERGED EXHIBITION



EARTH DAY CELEBRATION

Dedication to Community

NANO was founded on the belief that architecture has the power to transform communities. For over two decades, the firm has completed more than 75 civic and cultural projects.

Key projects like the New Orleans Fire Department Headquarters and Multi-Stations are strengthening the city's infrastructure, while pro bono efforts, including the Fats Domino Tiny Home and Boscoyo House, provide affordable housing solutions that uplift vulnerable populations.

Beyond design, NANO actively supports local and regional initiatives through leadership roles in organizations like AIA New Orleans, the Urban Land Institute, Habitat for Humanity, and the Committee for a Better New Orleans. **These partnerships allow us to extend the impact of our work beyond individual projects, addressing the broader needs of the communities we serve.**

ORGANIZATIONS + TEAM INVOLVEMENT

- AIA Committee for the Environment
- AIA Emerging Professionals
- AIA Louisiana
- AIA New Orleans
- AIA Advocacy Committee
- Baton Rouge Chamber of Commerce
- Commercial Real Estate Women (CREW) Network
- Committee for a Better New Orleans
- Friends of City Park
- Governor's Resiliency Plan for the Future of Louisiana
- Habitat for Humanity
- Jefferson Business Council
- Jefferson Chamber of Commerce
- Jefferson Parish Stormwater Committee
- New Orleans Chamber of Commerce
- New Orleans City Park Conservancy
- New Orleans Museum of Art
- Parkview Neighborhood Association
- State of Louisiana Architectural Licensing Board
- Urban Land Institute
- Women in Architecture
- WYES
- World Architecture Forum



DESIGN EXCELLENCE

Awards + Accolades

Our commitment to design excellence has earned us numerous accolades, including the New Orleans Ernest N. Morial Convention Center Morial Award.

A selection of the awards NANO has received include:

- Louisiana Landmark Society, Honor Awards, Octavia Books + Scrambled Cafe, 2025
- AIA New Orleans Commendation Award for Unbuilt Architecture, The Boscoyo House, 2024
- New Orleans CityBusiness Best Family Owned Company, 2024
- New Orleans CityBusiness Empowering Women Award, 2024
- IIDA Idea Awards: Award of Recognition, Residential, Farnham Residence, 2023
- IIDA Idea Awards: Award of Recognition, Restoration/ Historic Preservation, Frederick A. Douglass High School Auditorium, 2023
- IIDA Idea Awards: Award of Recognition, Corporate - Large, Duplass Law Office, 2023
- AIA New Orleans Honor Award in Historic Preservation, Renovation, + Adaptive Reuse, Frederick A. Douglass High School Auditorium, 2023
- Louisiana Landmarks Society, Excellence in Historic Preservation, Frederick A. Douglass High School Auditorium, 2023
- SMPS Southeast Louisiana, Community Service Program of the Year, Fats Domino Tiny Homes, 2023
- AIA Louisiana, Award of Merit for Unbuilt Architecture, Shaping the City, 2022
- AIA New Orleans, Honor Award for Unbuilt Architecture, Shaping the City, 2022
- Louisiana Economic Development, Louisiana Growth Leader, 2022
- Home Builder Digest, The 20 Best Residential Architects in Louisiana, 2022
- European Cultural Centre, ECC Venice Biennale Architecture Award, SUBMERGED EXPERIENCE, 2022
- New Orleans Ernest N. Morial Convention Center, Morial Award, Small Business of the Year, 2021
- General Contractors Magazine, The 15 Best Commercial Architects in New Orleans, 2021
- General Contractors Magazine, The Best Retail Architects in New Orleans, 2021
- Inside New Orleans, Readers' Favorite Architecture Company, 2021
- New Orleans Homes, Renovation of the Year, Hector Avenue Residence, 2019
- IIDA Delta Regional, Interior Design Excellence Awards, Award of Excellence, Lake Conroe Residence, 2019
- IIDA Delta Regional, Interior Design Excellence Awards, Award of Recognition, Festival Productions, 2019
- AIA New Orleans, Merit Award for Divine Detail, 2513 Metairie Road, 2019
- AIA New Orleans / USGBC Louisiana, Excellence in Sustainability, Honorable Mention, Southwest Pass Station, 2018
- New Orleans Homes + Lifestyles, Best of Home, Best Architecture Firm, 2018



OCTAVIA BOOKS

Consultant Team Overview



TLC ENGINEERING SOLUTIONS

At TLC Engineering Solutions, Inc. we are continuously learning and growing. It is that commitment to constantly evolve that led to our new brand. Our renewed vision to think boldly, listen attentively, and create passionately serves as the blueprint that guides our promise of extreme service to our clients. TLC Engineering Solutions (TLC) is a multifaceted high-performance engineering firm with a portfolio of experience that wraps the globe. Headquartered in Orlando, Florida, TLC has 20 offices that span 10+ states including California, Florida, Georgia, Illinois, Louisiana, Maryland, North Carolina, Pennsylvania, Texas, Tennessee, and Wisconsin. Our highly qualified team of 500+ professionals includes professional engineers, LEED-accredited professionals, and ACG-registered commissioning authorities, coupled with specialists in acoustics, energy management, and technology that are able to service our clients from coast to coast.



SMM

Spackman Mossop Michaels is a landscape architecture and urban design firm with offices in New Orleans, Detroit and Sydney, Australia. The firm was established in 1994 and has an international reputation for major urban and landscape projects. US Principals Wes Michaels and Elizabeth Mossop have been involved in a range of consulting work in the US since 2004. The New Orleans office was established in 2007 and a Detroit office was opened January of 2017.

Spackman Mossop Michaels is a studio-based design practice. We strive to find innovative ways to create healthy, inspiring and resilient landscapes. The firm has always focused on the public landscapes of cities, parks and open space systems and infrastructure. Building on a long track record of professional experience, this practice offers a responsive, design-focused service dedicated to the implementation of sustainable landscapes. All the principals have broad experience in physical design and planning and the realization of design projects. The structure of our practice allows the principals to be closely involved with all projects. The office was awarded an ASLA National Honor Award in 2017 and the ASLA National Award of Excellence in 2012, 2009 and 2008.



DEI ENGINEERING

At Design Engineering, Inc., we've been setting the bar for excellence in engineering since 1984. We formed our company with a commitment to always deliver top-quality projects for our clients and we've stayed true to that promise for over three decades. We go above and beyond just offering professional engineering services; we strive to over deliver every day. We do this by: Developing innovative methods to ensure client satisfaction; Consulting closely with you throughout every phase of the project; Conducting quality assurance programs that meet state and federal requirements. We understand that every project is unique and we are dedicated to understanding your vision and working closely with you to turn that vision into reality. Our team of experienced engineers and construction professionals are dedicated to providing the highest level of service to our clients. Trust us to exceed your expectations and deliver results that truly stand out.

STAFFING PLAN

Dedication to DBE + SEB Firms

NANO is committed to meeting and oftentimes exceeding the DBE requirements on projects. As a certified DBE/WBE, we prioritize engaging local firms with exceptional skill, deep regional knowledge, and cultural insight. The following steps ensure adequate small business participation for your project:

CONTACT

Engage EBE contractors to identify, attract, and pre-qualify viable teaming partners, and build interest for the project

AUTHENTICATE

Verify EBE certification and assist as needed to obtain certification

INFORM

Host Pre-Bids Informational meetings to inform and advise SEB contractors of potential opportunities

PREPARE

Support SEB contractors by ensuring they understand project plans, bidding processes, and scopes of work

ASSESS

Conduct pre-qualification reviews to match all contractors, including SEBs based on experience and resources

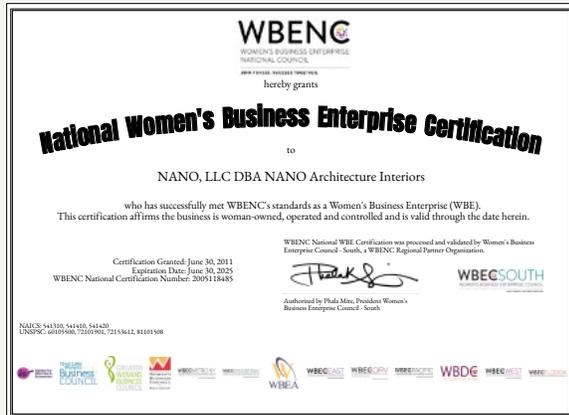
SUPPORT

Implement quick-pay provisions and joint check protection for SEB contractors with limited resources



OCTAVIA BOOKS + SCRAMBLED CAFE

State of Louisiana Licensure



STAFFING

Capacity for Timely Completion

NANO allocates firm resources based on the unique needs of each project, designer availability and skill set, leveraging our full team to ensure each project is appropriately staffed. Each project listed below has maintained the same core team members from inception to the present, ensuring continuity. Below is a list of our current workload.

PROJECT	CURRENT PHASE	EST. COMPLETION	% OF STAFFS TIME
New Orleans Fire Department Headquarters	Construction Administration	December 2024	50-75%
Riverdale High School	Design Development	March 2025	50-75%
Joel's Commissary	Construction Administration	May 2025	50-75%
New Orleans District Attorney's Office	Construction Administration	June 2025	50-75%
LSU Julian White Hall	Design Development	June 2025	50-75%
CAT Regional Headquarters	Construction Administration	June 2025	50-75%
616 Conti Street	Permitting	August 2025	50-75%
Baton Rouge Contemporary Arts Center	Schematic Design	September 2025	50-75%
Finance New Orleans	Contract Negotiations	December 2025	50-75%
Confidential Historic Auditorium	Schematic Design	August 2026	50-75%
Orleans Justice Center	Construction Administration	August 2026	50-75%
Ernest N. Morial Convention Center	Construction Administration	August 2026	50-75%

References



GNO INC.

1100 Poydras St #3475
New Orleans, LA 70163

Michael Hect
President & CEO
GNO Inc.
mhecht@gnoinc.org
504-527-6900

GNO, Inc. hired NANO to transform their new corporate home into a space that aligned with their mission and emphasized their role as the conduit for incoming businesses into Southeast Louisiana.



BATON ROUGE GALLERY

1515 Dalrymple Dr,
Baton Rouge, LA 70808

Jason Andreasen
President & CEO
Baton Rouge Gallery
jandreasen@batonrougegalleries.org
225-383-1470

NANO is working with the Baton Rouge Gallery to design and envision its new home within City Brooks Park in Baton Rouge, LA.



JEFFERSON PARISH SCHOOLS

501 Manhattan Boulevard
Harvey, LA 70058

Larry Dale
Executive Director
Jefferson Parish Business Council
ldale@jeffersonbusinesscouncil.com
504-236-7111

Jefferson Parish hired NANO for work on three projects: Patrick F. Taylor Science & Technology Academy, Airline Park Academy, and Bridgedale Elementary School.

SECTION 006

Relevant Experience

LAITER + LUM LOFT AND LIBRARY



Octavia Books

Riverdale Public Library

Frederick A. Douglass Auditorium

John C. Hitt Library

Son of A Saint

Patrick F. Taylor Science + Technology Academy

Winter Park Library

2401 Bienville Street

Alfred R. Goldstein Library

LSU Julian White Hall

New Orleans Fire Department Headquarters

NANO

OVERVIEW

Relevant Projects To Date

COMMUNITY-DRIVEN ENVIRONMENTS

Designing public spaces demands a thoughtful blend of safety, functionality, and cultural significance. NANO tailors each civic and cultural project to meet operational needs while honoring the unique purpose of the institution it serves. From libraries and museums to government facilities, our goal is to create spaces that resonate with the community and reinforce the mission of the organizations within them.

Our approach to educational architecture centers on creating environments that empower students and educators alike. Each project considers present needs and future growth, from energy efficiency and advanced technology to secure and adaptable learning spaces. NANO's educational facilities are designed to evolve alongside their communities, setting the stage for a dynamic 21st-century learning and community environment.

- Son of a Saint Headquarters | New Orleans, LA
- Fats Domino Tiny Home | New Orleans, LA
- The Boscoyo House | New Orleans, LA
- FNO Affordable & Resilient Housing | New Orleans, LA
- Octavia Books + Scrambled | New Orleans, LA
- Greater New Orleans, Inc. (GNO) | New Orleans, LA
- Airline Park Academy | Metairie, LA
- Bridgedale Elementary School | Metairie, LA
- Bonnabel Magnet High School | Metairie, LA

- East Jefferson Parish High School | Metairie, LA
- Frederick A. Douglass Senior High School Auditorium | New Orleans, LA
- Patrick F. Taylor Science + Technology Academy | Avondale, LA
- New Orleans Youth Study Center | New Orleans, LA
- Guide to Thrive | New Orleans, LA
- Alario Center | New Orleans, LA
- BREC New Contemporary Arts Center | Baton Rouge, LA
- First Grace Methodist Church | New Orleans, LA
- Houma Medical Building | Houma, LA
- New Orleans District Attorney's Office | New Orleans, LA
- New Orleans Fire Department Headquarters | New Orleans, LA
- New Orleans Fire Department Multi-Stations | New Orleans, LA
- New Orleans Municipal + Traffic Court | New Orleans, LA
- New Orleans Police Department Firing Range | New Orleans, LA
- New Orleans Sewerage + Water Board Engineering Building | New Orleans, LA
- New Orleans Ernest N. Morial Convention Center | New Orleans, LA
- Orleans Parish District Attorney Building | New Orleans, LA
- Louisiana State University (LSU) Julien White Hall | Baton Rouge, LA
- Louisiana State University (LSU) Ballroom | Baton Rouge, LA
- New Orleans Fire Department (NOFD) Headquarters & Training Academy | New Orleans, LA
- New Orleans Police Department (NOPD) Firing Range | New Orleans, LA
- Tulane Master Plan, Uptown Campus | New Orleans, LA



BRIDGING THE COMMUNITY

Octavia Books

To help Octavia Books, a beloved local bookstore, and Scrambled, a neighborhood cafe, better serve their community, NANO renovated and rehabilitated the 100-year-old structure they share.



Location: New Orleans, LA
Size: 4,000 SF
Status: Completed 2024
Services: Architecture, Interior Design, Historic Preservation

NANO



Building on the bookstore's established design language, this project enhances Octavia Books and Scrambled with a dynamic and flexible layout that fosters community engagement. The new design offers ample space for public events, showcasing books, and enjoying meals with friends, creating a vibrant gathering place in New Orleans.

Initially, the client sought separate expansions for each business. However, recognizing their shared clientele, it felt natural for their spaces to merge into one cohesive experience. This insight led to the innovative design of pivoting shelves, allowing the stores to seamlessly separate or connect as needed, reinforcing their unique offerings while enhancing customer interaction.

Inspired by Octavia's bold original design, the store features angles to define warm, friendly, and inviting spaces. This design language was refined and formalized to extend throughout the building's entire lower floor. As a result, the expansion feels like a natural progression of the bookstore. Octavia's signature shade of blue complements the warm tones of the wood ceiling and bookcases, framed by custom mill work and integrated lighting.

Together, Octavia Books and Scrambled create a sense of unity in uptown New Orleans. This dynamic and joyful expansion not only enhances the customer experience but also empowers the local business to compete with big-box stores like Barnes & Noble, reinforcing the importance of reading, dining, and connecting in a space that reflects the spirit of the city.



A STAGE FOR STORIES

Beyond new shelving and displays, the design includes a variety of informal seating and an expanded area for children's books—one of Octavia's rapidly growing markets. A small stage at the store's heart provides space to host readings, signings, and the many events that have made Octavia Books an anchor in the literary community of New Orleans.



LIBRARY RENOVATION

Riverdale Public Library



Location: Fort Meyers, FL
Size: 7,250 SF
Status: Completed 2022
Services: Mechanical, Electrical, Plumbing, Fire Protection, Structural, Voice-Data, Security



With over 294,000 Lee County residents and library users the Riverdale Public Library, consisting of 7,250 square feet, underwent a complete interior and exterior renovation aimed at enhancing its services and benefiting the community.

The interior renovation was done to provide a more efficient and flexible use of the space, and the exterior renovation was to enhance the functionality and appearance of the branch.

Interior renovations included a complete replacement of mechanical HVAC, electrical distribution, lighting and associated control, technology, plumbing and fire protection systems. Renovations also included a central service desk, separate spaces for adults, teens and children, new public access computers and Wi-Fi access points, redesigned staff areas to improve workflow, and a meeting room

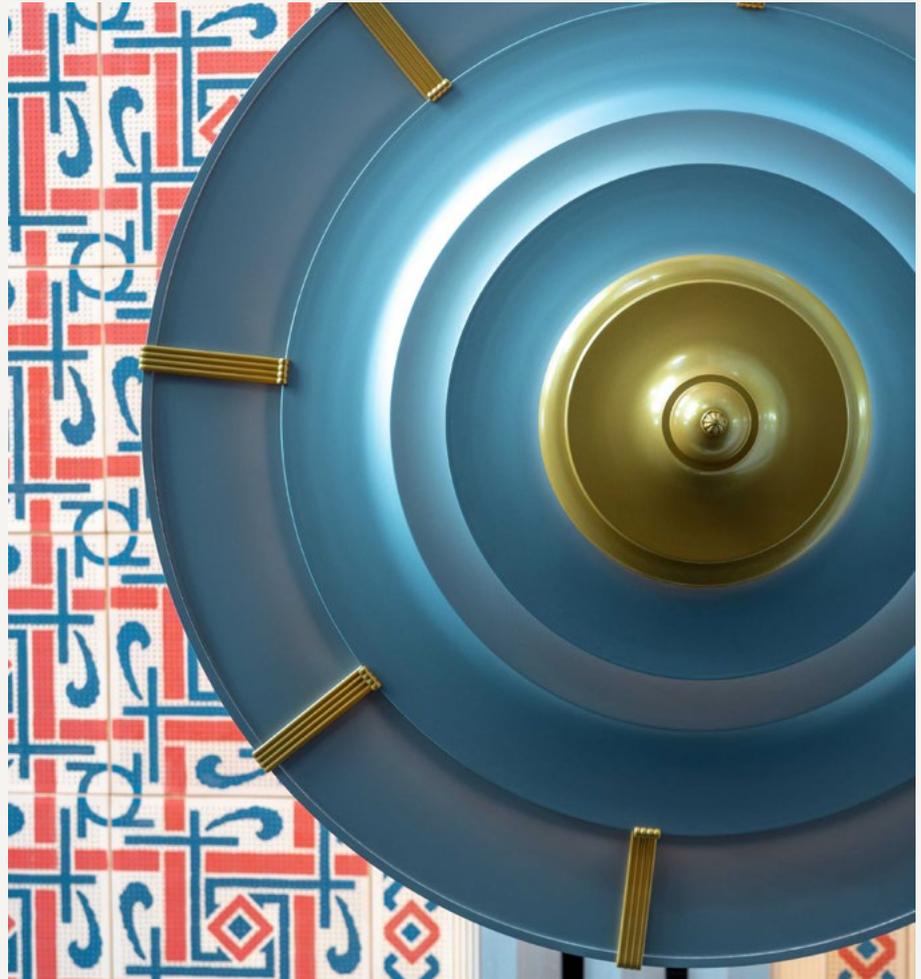
with updated technology and a foldable glass wall to create a larger space. The teen space features a dedicated collection of media and computers exclusively for teens.

The external improvements included architectural, landscaping and parking lot upgrades that not only improved the library's functionality but also elevated its aesthetic appeal. ADA upgrades were also made to both the building and parking lot.

REVIVING A LEGACY

Frederick A. Douglass High School Auditorium

Damaged by Hurricane Katrina and left as a neglected storage space for nearly two decades, the historic Art Deco Frederick A. Douglass High School Auditorium has been transformed into a vibrant community hub, weaving together the rich tapestry of the 9th Ward's cultural spirit.



Location: New Orleans, LA

Size: 15,000 SF

Status: Completed 2023

Services: Architecture, Interior Design, Historic Preservation

Awards:

2023 Louisiana Landmark Society, Excellence in Historic Preservation Award

2023 IIDA Delta IDEA Awards, Historic Preservation Award of Merit

2023 AIA New Orleans Honor Award, Historic Preservation, Restoration, & Adaptive Reuse

Fall 2023, Preservation Magazine, National Trust for Historic Preservation, 'How a High School in New Orleans Revived its Art Deco History After Hurricane Katrina'

NANO

Recognizing the potential to restore this cherished community icon into a vibrant hub for performance and gathering, our design thoughtfully preserves its historic character while implementing essential accessibility upgrades for New Orleans Public Schools.

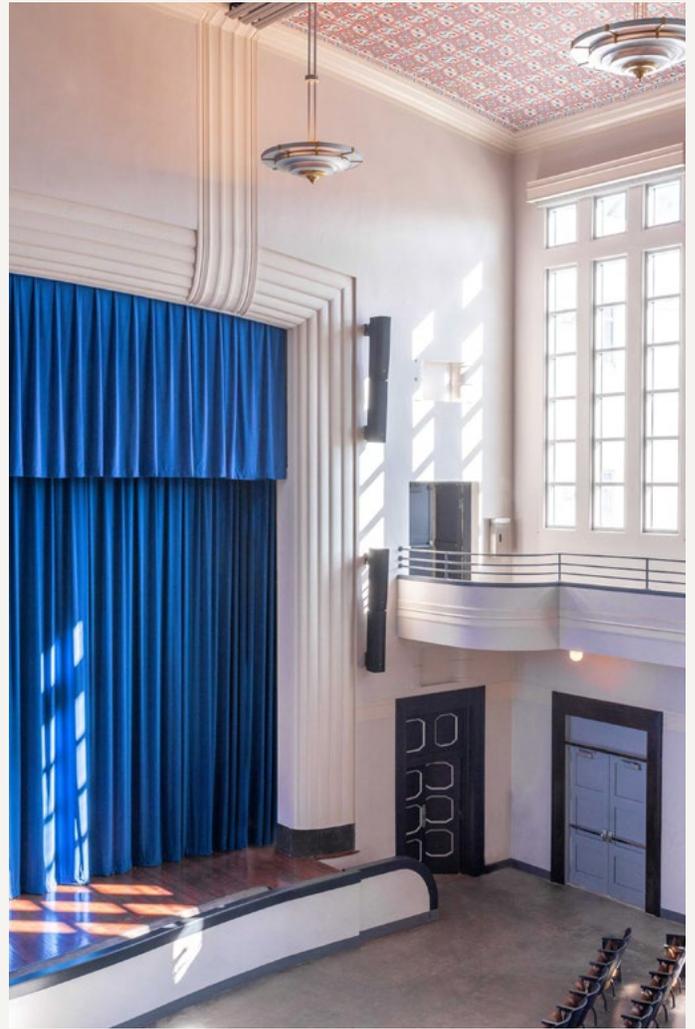
Our efforts began with addressing the structural repairs needed due to hurricane damage. Collaborating closely with local artisans and restoration specialists, we worked diligently to revive the essence of the 1940s auditorium. This included meticulously cleaning and repainting the original deco-patterned acoustic tile ceiling, as well as restoring the auditorium's historic light fixtures and wooden chairs, ensuring that the space retains its unique charm.

Preserving the auditorium's historic integrity was paramount, but so was making it accessible to everyone in the community. In partnership with the Historic District Landmarks Commission (HDLC), we designed and installed an exterior ramp that seamlessly blends with the building's architecture, allowing smooth entry and exit for all visitors. Inside,

we widened the aisles, added a wheelchair lift for stage access, and incorporated an accessible production control platform, ensuring that everyone can enjoy the rich cultural offerings of the space.

To enhance guest comfort, we integrated a discreet air conditioning system within the auditorium's structure. This new system features custom high-flow grills artfully incorporated into the existing ceiling grid, with ducts cleverly concealed above the trusses. While these upgrades may go unnoticed, they significantly improve the experience for visitors during New Orleans' warmest days.

Additionally, we developed an alternate theater package that serves as a blueprint for future upgrades to the lighting and sound systems when the school is ready to enhance its offerings. Central to our approach was the goal of rejuvenating the relationship between the Bywater Community and this beloved auditorium. Our collective efforts ensure that this historic space not only honors its past but also evolves into a vibrant cultural hub for generations to come.



“Today we stand in a beautiful space that should be honored. The building stands as a symbol of resilience and a legacy of adaptability not only for the 9th Ward, but the entire city of New Orleans.”

G’IREE MARTIN, FREDERICK A. DOUGLASS SENIOR





LIBRARY RENOVATION + EXPANSION

John C. Hitt Library



Location: Orlando, FL
Size: 113,000 SF
Status: Completed 2022
Services: Mechanical, Electrical, Plumbing, Fire Protection, Structural



The John C. Hitt Library on UCF's main campus is being expanding through a phased approach to accommodate exponential student growth and to incorporate 21st Century library standards. Phase 1 of the multi-phase project consists of a four-story Automated Retrieval Center (ARC) building, where robots are used to organize and retrieve materials.

The ARC provides students with access to more than 1.25 million printed materials and allowed space previously housing library stacks to be available for other uses. Phase 1A is a four-story connector building that links the library to the ARC to provide collaboration spaces, a multi-purpose room, classrooms and three new elevators as well as creating a new main entrance. The ARC is conditioned by a single floor mounted chilled water air rotation type unit providing ample air circulation via vertical duct distribution to the top of the space, suitable for the large open building spaces. The top floor of the ARC was built out to create a reading room which is served by a dedicated electrical distribution and fire alarm system, as well as a single zone custom chilled water variable air volume air handling unit. The electrical service

switchboard and standby generator system/transfer switch for the existing library were phased out and replaced with a new service switchboard. The distribution system serving the ARC was designed to backfeed the replacement switchboard allowing for the phase out the existing utility transformer in a future phase. Phase 1 also includes adding fire sprinklers and upgrading the restrooms for ADA compliance in the 1984 addition of library; which was completed while the library was operational.

A permanent standby generator and a separate generator, located on the roof of the ARC provide backup power to the distributed antenna system equipment and was sized to provide power to all the planned phases of the update.

Phase 2 includes renovation of the existing library and is in conceptual planning. The phased renovation includes the remaining half of the third floors in the 1984 addition, and the original 1967 portion of the building, a minimum of new exterior construction and limited scope in the first floor for mechanical and electrical distribution.

NEXT GENERATION

Son Of A Saint Headquarters

In the heart of New Orleans, a historic icehouse was reimagined to support a new generation of young men.



Location: New Orleans, LA

Size: 15,605 SF

Status: 2022

Services: Architecture, Interior Design, Master Planning, Historic Preservation

NANO



The renovation optimized the space for long-term use, ensuring every detail, from layout to furnishings, enhanced Son of a Saint's mission to uplift and connect its community.

Collaborating closely with Trapolin-Peer Architects, the design focused on functionality, flexibility, and durability to meet the evolving needs of the organization. The result is a dynamic facility with spaces for learning, recreation, and personal growth, all curated to foster mentorship and a strong sense of belonging.

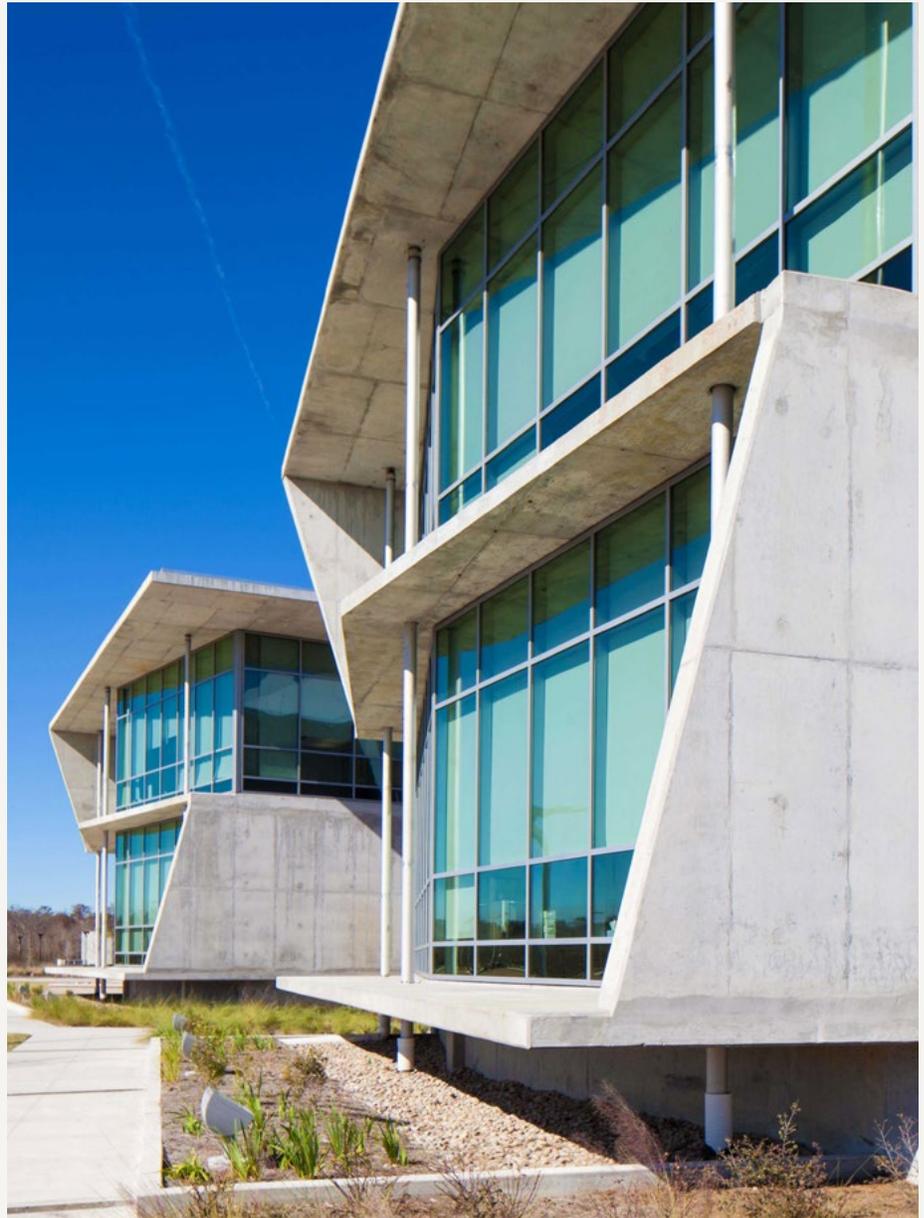
By expertly managing the Furniture, Fixtures, and Equipment (FFE) package, NANO ensured that each space remained both functional and meaningful, contributing to the project's long-term success. The layout, from tutoring lounges to game rooms and state-of-the-art gyms, cultivates an environment where young men can thrive.

The renovated icehouse now serves as an essential asset to the neighborhood, supporting Son of a Saint's expanding reach and ensuring growth and opportunity for the young men it serves.

HONORING IDENTITY

Patrick F. Taylor Science + Technology Academy

Designed specifically for STEAM-focused education for students in the 6th through 12th grades, this award-winning building is a space where learning is fluid, adaptable, and grounded in the unique cultural and environmental context of its location.



Nestled between the Mississippi River and Lake Cataouatche, the school's design draws inspiration from the site's complex history — including regional roadways, waterways, and ancient American Indian trails. By studying these intersections of culture and topography, we discovered where layers of history converge and used those points to shape the building's structure. The result is a bold, purposeful design that weaves past and present together, creating a space that not only serves education but celebrates the community's deep roots.

At the heart of the school is a massive central community space, larger than a football field, acting as both the building's spine and

its soul. This flexible, multi-functional area supports collaboration across disciplines and embodies the interconnectedness of the school's academic approach.

Specialized classrooms, labs, and offices surround this central space, organized to foster a fluid flow of ideas. Through input from stakeholders, faculty, and families, we found that the best way to support the school's interdisciplinary approach was to design academic "pods" — rings of classrooms that surround a shared multipurpose studio. This space enables students from different subjects to collaborate and apply their knowledge in dynamic, real-world contexts.



Location: Westwego, LA
Size: 99,700 SF
Status: 2013
Services: Architecture, Interior Design, Master Planning
Awards: Excellence In Sustainability Honor Award from USGBC, 2018

NANO



CONNECTED SPACES

The learning pods, distributed across the building, group students by age to cater to the distinct ways each cohort learns. The commons area ties everything together — a flexible space where students break out into focused study sessions, meet with tutors, join clubs, and come together as a community.



COST EFFECTIVE

With a durable concrete construction, we maximized the school's budget and created a robust framework for lifelong learning.



21ST CENTURY LIBRARY

Winter Park Library



Location: Winter Park, FL
Size: 49,146 SF
Status: Completed 2021
Services: Structural, Mechanical, Electrical, Plumbing, Fire Protection, Audio-Visual, Voice-Data, Security, Energy Services



The Winter Park Library, Events Center and Tiedtke Amphitheater are situated on a 23-acre park and consist of the 35,690 square foot, two-story library, a 3,456 square foot amphitheater and outdoor amphitheater which overlooks Lake Mendsen. TLC collaborated closely with the City and entire design team to make the facility a destination for information sharing and cultural, educational, and community events.

The 21st century library features a café / bookstore, computer lab, and history kiosk as well as community and meeting rooms. The children's space provides for a variety of ways for children to learn, including reading and play areas, a story room and work stations. The ground floor houses the an auditorium with sloped seating. A freestanding spiral staircase leads to the second floor.

TLC developed a sound mitigation strategy to create quiet, acoustically pleasing spaces throughout the library. Vaulted ceilings and a cutting-edge lighting

and sound system were designed to accommodate a variety of events. The new facility provides expanded areas for research and archive conservation with temperature and humidity-controlled spaces for storing valued materials.

The events center includes a junior ballroom and assembly space along with public access to the rooftop for events. A plaza-level plinth extends from the library and events center toward the lake, where visitors can relax and enjoy events. A porte-cochere creates a welcoming entrance to the facility. Surface parking for 183 vehicles is on site.

Each pavilion is rectangular in form with sloping, arched curtainwall in the enclosed buildings meeting curved solid surfaces. Shallow foundations are used to support the building loads. The curved walls are made from precast integrally-colored red concrete panels with the back-up framing made up of structural steel. The elevated floor and roof are framed using structural steel beams and girders.

RESILIENTLY ROOTED

2401 Bienville Street

In our inaugural project as both developer and architect, NANO has undertaken the ambitious restoration and reimagining of a historic New Orleans church, transforming it into a dynamic mixed-use complex that revitalizes the Mid-City neighborhood.



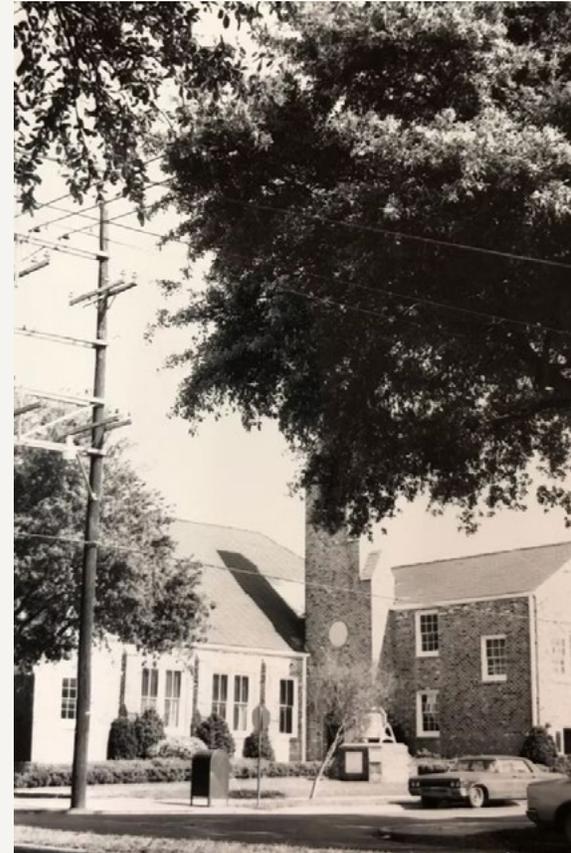
Location: New Orleans, LA

Size: 12,600 SF

Status: Completed 2024

Services: Architecture, Interior Design, Master Planning, Historic Preservation

NANO



Located on a prominent corner lot, the former Central Congregational United Church of Christ now serves as NANO's headquarters while creating new opportunities for small businesses, public amenities, and vital flood mitigation measures. These enhancements ensure the community withstands future storms and emerges more resilient.

Constructed in 1944 by Ferdinand Lucien Rousseve, Louisiana's first licensed Black architect, the church boasts a rich and significant history. The building was home to one of the nation's first African American childcare centers. Furthermore, it long served as a gathering place for influential African American leaders, including Andrew Young, a close confidant of Martin Luther King Jr., who preached within its walls.

We leveraged our expertise in local zoning policy and preservation guidelines to make minimal alterations to the church's original structure, focusing instead on careful restoration. The iconic brick facade has been meticulously restored and reinforced. At the same time, new double-glazed

windows have been integrated to enhance energy efficiency and aesthetic appeal, allowing natural light to flood the interior.

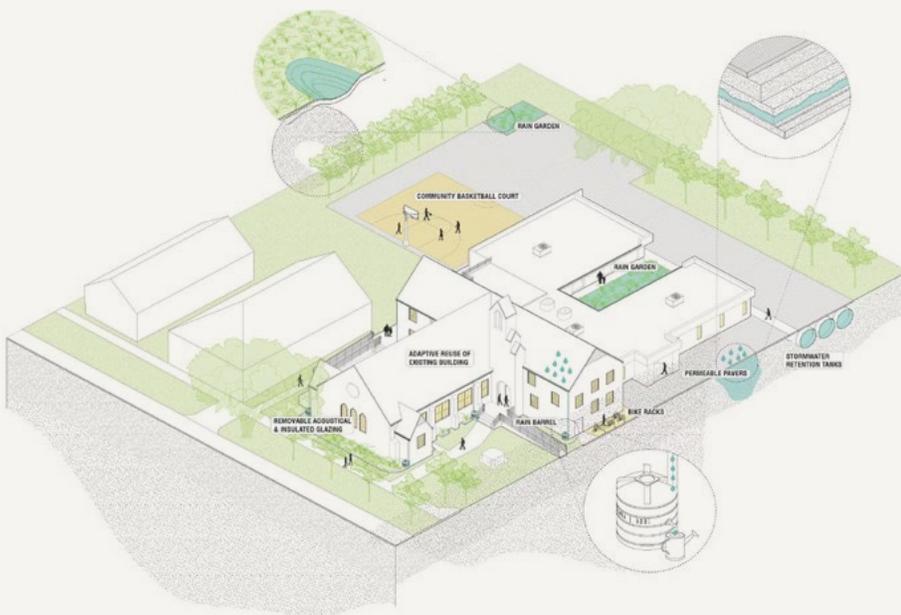
Inside the church, we have carefully restored the trusses in the main sanctuary, preserving the space's architectural integrity while creating a welcoming environment for the community-supporting anchor tenant, Salon22. Salon22 provides valuable services and programs to women in the community, fostering engagement and collaboration. We expanded the second floor slightly to accommodate NANO's new offices, ensuring our team can actively contribute to the neighborhood's revitalization.

Beyond its architectural and operational upgrades, this project aims to catalyze economic growth in a Mid-City area that has faced significant challenges since Hurricane Katrina. By attracting small businesses and providing public space, we are fostering a vibrant community that encourages local entrepreneurship.



TRANSFORMATIVE THEN, RESILIENT NOW

The project also revitalizes the Hume Center, an adjacent building completely transformed to enhance its functionality and appeal. This center features a new entryway, updated windows, and a storefront design harmonizing with the church's original architecture. Modernized plumbing ensures the Hume Center can host diverse tenants, from cafes to small retail shops, thereby enriching the local business ecosystem. The central courtyard and parking area have been equipped with innovative stormwater management systems, including permeable pavers, large planters, and catch basins, significantly improving the neighborhood's resilience against flooding. Furthermore, the updated Hume Center meets WELL certification standards, and the energy targets the AIA 2030 Challenge established.





NEW LIBRARY

Alfred R. Goldstein Library



Location: Sarasota, FL
Size: 46,000 SF
Status: Completed 2017
Services: Mechanical, Electrical, Plumbing, Fire Protection, LEED Administration, Commissioning, Audio-Visual, VoiceData, Security
Awards: AIA Florida, Honor Award of Excellence, 2019
AIA Gulf Coast, Honor Award for New Work, 2018



JEFFERSON PARISH • NEW WEST BANK REGIONAL LIBRARY

The library features collaborative student spaces, ten group study / meeting rooms, two learning commons / computer labs and an Academic Resource Center, as well as offices and a snack area / cafe. Students can enjoy extraordinary views of the exterior, outdoor gathering areas and multiple outdoor terraces, including the rooftop with a trellis for shade. A contemporary spiral stairwell connecting all three floors makes a bold statement for visitors.

TLC designed the HVAC system to comprise a large chilled water AHU plus a dedicated, custom chilled water and DX AHU serving the Special Collections Vault as back up. Constant temperature and humidity levels are crucial to protect valuable collection items housed in the Vault. The DX section of Special Collections Vault AHU is designed to provide dedicated backup cooling should a disruption in chilled water distribution from the campus chilled water plant occurs.

TLC worked closely with Ringling to manage

the challenge of coordinating large ductwork throughout the main library steel structure. This challenge was navigated through the use of 3D modeling to find routing solutions without altering the structural designs.

Energy modeling was used to confirm that the design was efficient and earned the targeted number of LEED points. The projected percentage of energy reduction compared with ASHRAE 90.1 baseline is 27.8% and the water use reduction compared with the ASHRAE 90.1 baseline is 46.36%. Sustainability strategies were used to increase energy efficiency on plumbing, HVAC equipment, LED lighting and lighting control.

Key security components include 24-hour CCTV video surveillance and access control systems aligned with Crime Prevention Through Environmental Design concepts. Technology systems include a 100% wireless data network, CAT6A structured cabling, public address/paging, audio-visual, and cable TV distribution.

ENHANCING DURABILITY

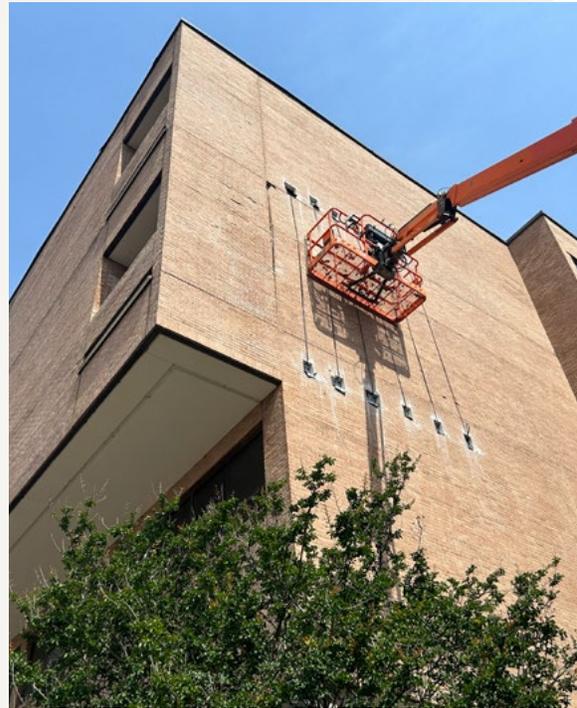
Louisiana State University Julian White Hall

A full reimagining and recladding of this Brutalist-inspired structure is underway, ensuring it can continue to support students and staff for the next century.



Location: Baton Rouge, LA
Size: 50,000 SF
Status: In Progress
Services: Architecture, Interior Design

NANO



NANO is presently in the process of replacing the 50,000 square feet exterior brick veneer system, with the aim of creating a contemporary exterior that ensures durability and seamlessly integrates with LSU's campus. At present, our team is researching copper, terracotta, and additional materiality options for exterior cladding. The team is conducting a thorough investigation into the existing brick tie system that failed due to moisture intrusion.

The goal is to craft a visually appealing exterior that enhances durability, resilience against water intrusion, and seamlessly integrates with LSU's campus, while showcasing exceptional design. This project not only addresses structural concerns but also pays homage to the rich history and architectural significance of Julian White Hall within LSU's campus landscape.



A NEW RESILIENT COMMUNITY HUB

New Orleans Fire Department Headquarters

Transforming a former training facility into a state-of-the-art HQ and resilient storm shelter



Location: New Orleans, LA
 Size: 19,000 SF
 Status: In-process
 Services: Architecture, Interior Design

NANO

JEFFERSON PARISH • NEW WEST BANK REGIONAL LIBRARY

When the New Orleans Fire Department closed its headquarters in 2011 due to hurricane damage and environmental challenges, the city faced the critical need to centralize its scattered emergency services.

The existing 18,500 sf Post-Modern structure with its distinctive gabled roof and symbolic hose tower, posed unique design challenges. Partnering closely with the fire chief, NANO re-imagined the building for 24-hour emergency operations, integrating a highly complex program that includes administrative offices, medical and training facilities, conference rooms, a fully equipped dormitory, an advanced gym, an expansive kitchen, a recreation room, and a disaster recovery area.

A new 1,500 SF addition, clad in durable metal panels and louvers, bridges the main

building and an adjacent auditorium to create a distinctive gateway that marks the facility's entry while modernizing the buildings aesthetic. The entire exterior was upgraded with impact-resistant, black-framed windows and contemporary finishes, improving both safety and appearance.

The facility has been upgraded to meet stringent Type II-B, Risk Category IV standards, ensuring it can withstand extreme weather and function during disasters. We implemented flood mitigation and stormwater management strategies, integrated a secure space for a large generator, and installed an advanced access control and security system. Site remediation and waterproofing measures further safeguard the building against environmental threats, delivering long-term value.

NANO | 105

SECTION 007

Project Team



NANO Team Resumes
Subconsultant Resumes

Organizational Chart

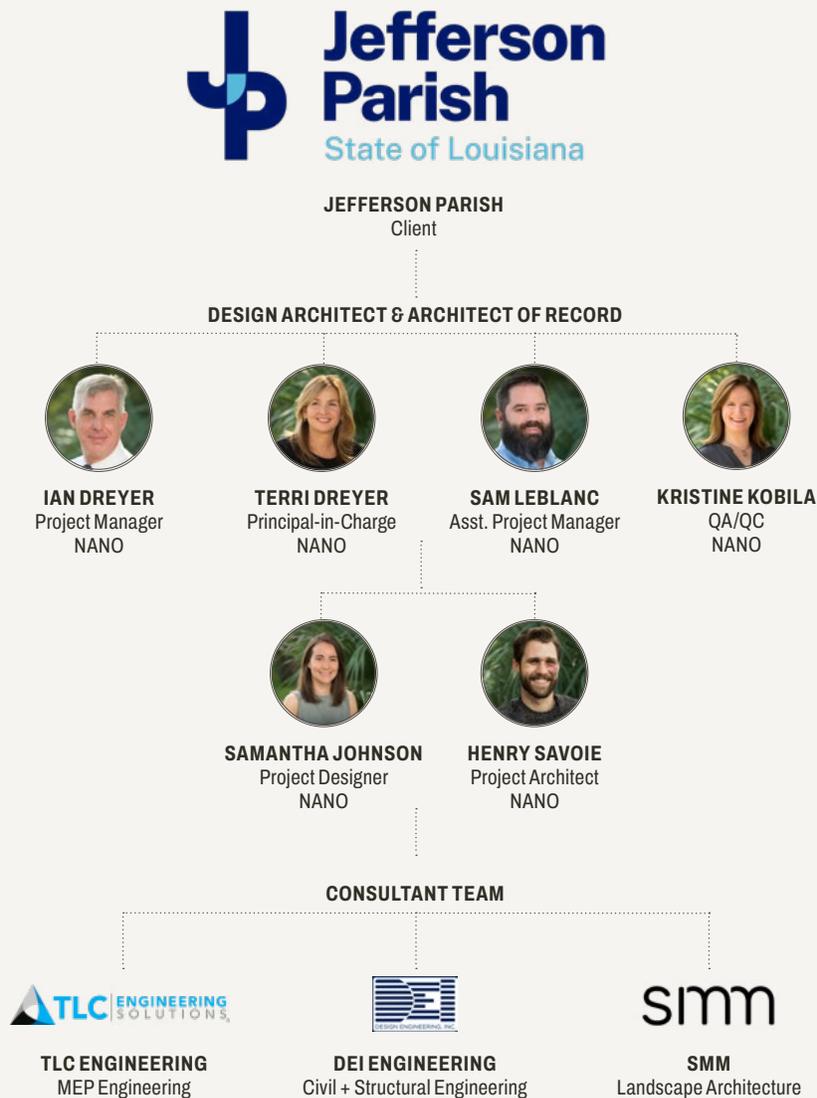
We are committed to actively engaging leadership in the requested project interviews and throughout the project’s life cycle. As Principal-In Charge, **Ian Dreyer** will play a central role in the design of the project. He will be the primary contact for Jefferson Parish and its stakeholders, ensuring consistent communication and alignment with project goals and design vision. **Terri Dreyer** will serve as Project Director for seamless design execution and delivery.

Sam LeBlanc will serve as Project Manager, overseeing the expanded consultant team and schedule, maintaining continuity and deep knowledge of the project at every phase. **Kristine Kobila** will oversee QA/QC from design

through construction. **Henry Savoie** and **Samantha Johnson** will serve as the design team. Our core team will remain stable throughout the project, ensuring project knowledge is carried from one phase to the next.

SMM will lead the design of all Landscape Architecture, **TLC Engineering** will lead MEP Engineering, and **DEI Engineering** will lead Civil + Structural Engineering.

All team members are local to the Greater New Orleans Region and understand the community’s unique needs in Jefferson Parish and beyond. The proposed team will be involved in 75%—100% of the project and available for on-site reviews.





Ian Dreyer

AIA, NCARB

Project Role: Project Manager

Ian is the Co-Owner and Partner of NANO, bringing over 25 years of experience in the architecture, construction, and custom furniture design and fabrication fields.

EDUCATION

M.Arch.,
Tulane University
B.A., Philosophy,
University of Chicago

Ian's ability to manage projects holistically while maintaining close attention to detail dovetails with NANO's philosophy of detail at every scale. This emphasis echoes through all phases of his roles from programming and schematic design through code analysis to oversight and quality control.

REGISTRATIONS

LA Registered Architect #7091
MS Registered Architect #4873
MD Registered Architect #20210
FL Registered Architect #103350
IN Registered Architect #12500066
NCARB #67605

Prior to NANO, Ian was the Interim Director and Technical Manager of the Center of Standardizations for Army Aviation Maintenance Facilities and Command and Control Facilities at the U.S. Army Corps of Engineers Mobile District, where all buildings were designed to LEED Silver standards. Through his experience managing City of New Orleans projects, in concert with his U.S. Army Corps of Engineers experience and as a former architecture professor at the Tulane School of Architecture, Ian understands the intricacies of each project and applicable procedures.

ORGANIZATIONS

American Institute of Architects
National Council of Architectural
Registration Boards
Parkview Neighborhood Association

Since founding NANO, Ian has guided the firm with a hands-on approach to every project, steering its growth from a local practice to an internationally recognized, award-winning DBE/WBE firm. Ian's vision and leadership have set significant precedents, shaping NANO's impact both locally in New Orleans and on the global stage.

AWARDS

2021 Kingfish,
New Orleans Magazine
2019 Excellence in Construction +
Real Estate Honoree,
New Orleans CityBusiness
2004 Top 40 Under 40,
New Orleans CityBusiness

YEARS WITH FIRM

2001 to Present

KEY PROJECT EXPERIENCE

Fakier's Jewelry <i>Houma, LA</i>	Firekeeper's Casino <i>Battle Creek, MI</i>	Lucas Oil Stadium <i>Indianapolis, IN</i>
Southwest Pass Station <i>Southwest Pass, MS</i>	Greater New Orleans, Inc. (GNO) <i>New Orleans, LA</i>	LSU Julian White Hall <i>Baton Rouge, LA</i>
7887 Main Street <i>Houma, LA</i>	Submerged Experience Exhibition <i>Venice Biennale, Italy</i>	2401 Bienville Street <i>New Orleans, LA</i>
Patrick F. Taylor Science + Technology Academy <i>Westwego, LA</i>	LSU Student Union Ballroom <i>Baton Rouge, LA</i>	Historic Auditorium <i>New Orleans, LA</i>
Ernest N. Morial Convention Center Stage 1 + 2 <i>New Orleans, LA</i>	AT&T Stadium <i>Dallas, TX</i>	Bridgedale Elementary School <i>Metairie, LA</i>
New Orleans Fire Department Headquarters <i>New Orleans, LA</i>	Guide To Thrive International	Frederick A. Douglass Senior High School Auditorium <i>New Orleans, LA</i>
	Son Of A Saint HQ <i>New Orleans, LA</i>	Youth Study Center <i>New Orleans, LA</i>



Terri Dreyer

AIA, NCIDQ

Project Role: Principal in Charge

Terri is a visionary architect and Co-Owner and Managing Partner of NANO, celebrated for her innovative, community-focused designs that honor cultural identity.

EDUCATION

M. Arch.,
Tulane University

B.A., Interior Design,
Louisiana State University

B.A., Environmental Design,
Parsons School of Design

REGISTRATIONS

LA Registered Interior Designer #1364

NCIDQ Certificate Holder

ORGANIZATIONS

American Institute of Architects,
Past 2020 President

Friends of City Park,
Board Member

National Council for Interior Design

National Fire Protection Association

International Code Council

Women's Business Enterprise
National Council

New Orleans Area Habitat for Humanity,
Past Board Member

Parkview Neighborhood Association

Goldman Sachs 10K Small Businesses,
Cohort 2

AWARDS

2024 Empowering Woman Award,
New Orleans CityBusiness

2022 Woman of the Year Nominee,
New Orleans CityBusiness

2021 Woman of the Year Nominee,
New Orleans CityBusiness

2021 New Orleans Top 500,
Biz New Orleans

YEARS WITH FIRM

2001 to Present

Terri is a distinguished architect and design leader deeply connected to New Orleans, inspired by her grandfather, renowned architect August Perez Jr. Her educational journey includes degrees from Louisiana State University, Parsons School of Design, and a master's from Tulane University. Before founding NANO in 2001, Terri gained invaluable experience at HOK in London, where her project earned the Royal Institute of British Architecture (RIBA) Award.

A champion for diversity in architecture, Terri has often been the only woman in the room, advocating for a process-driven design approach that integrates environmental analysis and contextual awareness. As the 2020 President of AIA New Orleans, she increased local participation in the AIA 2030 Challenge by 330% and served as an Adjunct Professor at Tulane University for five years.

Building NANO alongside her husband and business partner, Ian Dreyer, Terri has led the firm to international recognition as an award-winning DBE/WBE company. Terri aims to leave a lasting legacy through thoughtful design that enriches the lives of those who inhabit the built environment.

KEY PROJECT EXPERIENCE

Fakier's Jewelry <i>Houma, LA</i>	2513 Metairie Road <i>Metairie, LA</i>	LSU Julian White Hall <i>Baton Rouge, LA</i>
Southwest Pass Station <i>Southwest Pass, MS</i>	New Orleans Fire Department HQ <i>New Orleans, LA</i>	Guide To Thrive <i>International</i>
7887 Main Street <i>Houma, LA</i>	Joel Commissary <i>Metairie, LA</i>	Submerged Experience <i>Exhibition</i> <i>Venice Biennale, Italy</i>
Patrick F. Taylor Science + Technology Academy <i>Westwego, LA</i>	Autonomy Coffee <i>Covington, LA</i>	Octavia Books + Scrambled Cafe <i>New Orleans, LA</i>
Ernest N. Morial Convention Center Stage 1 + 2 <i>New Orleans, LA</i>	Firekeeper's Casino <i>Battle Creek, MI</i>	Frederick A. Douglass High School Auditorium <i>New Orleans, LA</i>
Greater New Orleans, Inc. (GNO) <i>New Orleans, LA</i>	Son of a Saint Headquarters <i>New Orleans, LA</i>	AT&T Stadium <i>Dallas, TX</i>
Il Mercato <i>New Orleans, LA</i>	Contemporary Art Center: Baton Rouge Gallery <i>Baton Rouge, LA</i>	Lucas Oil Stadium <i>Indianapolis, IN</i>



Kristine Kobila

AIA, NCARB, LEED AP BD+C

Project Role: QA/QC

With over two decades of experience, Kristine’s dedicated oversight to all NANO projects is showcased in her commitment to quality control and NANO’s design philosophy of detail at every scale.

EDUCATION

M.Arch.,
Tulane University

B.A., History,
University of Mississippi

REGISTRATIONS

LA Licensed Architect #7104

LEED AP: BD+C #10115566

NCARB #68003

ORGANIZATIONS

District 1 Representative, Louisiana State Board of Architectural Examiners (LSBAE)

American Institute of Architects (AIA)

National Council of Architectural Registration Boards (NCARB) Education Committee Member

Transportation Worker Identification Credential

Louisiana Architects Selection Board Member (2018-2019)

AWARDS

2022 Excellence in Construction + Real Estate, New Orleans CityBusiness

2019 Excellence in Construction + Real Estate Honoree, New Orleans CityBusiness

YEARS WITH FIRM

2014 to Present

Kristine’s meticulous attention to detail ensures that schedules are adhered to, reviews are completed on time, and potential issues are identified early to work towards a successful solution that will not impact design time. Her project management experience includes responsibility of code reviews for multiple types of buildings in addition to coordination of various permitting agencies and their requirements. These include not only city and local municipalities’ code and zoning requirements, but also dealing with agencies such as the HDLC, VCC, SHPO, DHH, LDEQ, Army Corps of Engineers, Levee Board, and State Fire Marshal.

Kristine has been an integral team member on many of NANO’s largest and most intricate projects. Her broad experience encompasses design on a wide range of projects, including residential, commercial, industrial, secure, and municipal. This diverse expertise provides valuable knowledge that she uses and shares with the entire design team. Kristine currently serves as the District 1 Representative for the Louisiana Board of Architectural Examiners, where she is the first woman to hold this position. Previously, Kristine has served on the Louisiana Architect Selection Board, representing District 1.

KEY PROJECT EXPERIENCE

Ernest N. Morial Convention Center Stage 1 + 2
New Orleans, LA

Joel Commissary
Metairie, LA

Octavia Books + Scrambled Cafe
New Orleans, LA

New Orleans Fire Department Headquarters
New Orleans, LA

Il Mercato
New Orleans, LA

2513 Metairie Road
Metairie, LA

LSU Julian White Hall
Baton Rouge, LA

The Dead Rabbit
New Orleans, LA

Frederick A. Douglass Senior High School Auditorium
New Orleans, LA

Airline Park Academy
Metairie, LA

Bridgedale Elementary School
Metairie, LA

Submerged Experience Exhibition
Venice Biennale, Italy

Guide To Thrive International

2401 Bienville Street
New Orleans, LA

Historic Auditorium
New Orleans, LA

LSU Student Union Ballroom
Baton Rouge, LA

New Orleans Fire Department Multi-Stations
New Orleans, LA

New Orleans City Hall + Civil District Court
New Orleans, LA



Sam Le Blanc

Project Role: Assistant Project Manager

Sam is a dedicated and creative designer with a strong track record in managing commercial, residential, hospitality, and municipal projects from design to construction.

EDUCATION

M.Arch. & Urban Design,
Pratt Institute of Art and Design

B.A Architecture,
Louisiana State University

ORGANIZATIONS

AIA Emerging Professionals Committee

YEARS WITH FIRM

2019 to Present

Sam has over 20 years of experience working in the architecture and construction fields. Sam started working construction in Baton Rouge during the summers while he was in high school and continued through college. After graduating from Louisiana State University’s undergraduate Architecture Program, he worked in the construction field in New York City, later earning a Master of Architecture and Urban Design from the globally respected Pratt Institute of Art and Design.

Sam brings 4 years of experience as a facility manager for New Orleans Public Schools, where he managed a 109,000 SF building comprising of over 1,000 staff and students on a daily basis. Sam has fulfilled all the requirements for NCARB’s Intern Development Program and is currently taking the ARE.

KEY PROJECT EXPERIENCE

New Orleans Fire Department Headquarters <i>New Orleans, LA</i>	Frederick A. Douglass Senior High School Auditorium <i>New Orleans, LA</i>	New Orleans Police Department Firing Range <i>New Orleans, LA</i>
Ernest N. Morial Convention Center Stage 1 + 2 <i>New Orleans, LA</i>	East Jefferson Highschool HVAC <i>East Jefferson, LA</i>	Perlis Clothing <i>New Orleans, LA</i>
Octavia Books + Scrambled Cafe <i>New Orleans, LA</i>	Orleans Justice Center <i>New Orleans, LA</i>	New Orleans Fire Avenues Recovery <i>Baton Rouge, LA</i>
Airline Park Academy <i>Metairie, LA</i>	LSU Julian White Hall <i>Baton Rouge, LA</i>	6044 Patton Street <i>New Orleans, LA</i>
Bridgedale Elementary School <i>Metairie, LA</i>	2401 Bienville Street <i>New Orleans, LA</i>	Moss Street Residence <i>New Orleans, LA</i>
	New Orleans Fire Department Multi-Stations <i>New Orleans, LA</i>	Maddox Surgery Center <i>New Orleans, LA</i>



Samantha Johnson

WELL AP, ASSOC. AIA, NCIDQ

Project Role: Project Designer

As a Senior Interior Designer and Design Studio Manager at NANO, Sami brings an extensive knowledge in planning and architectural renovations to all of her projects.

EDUCATION

B.F.A., Interior Design,
Pratt Institute of Art and Design

REGISTRATIONS

LA Registered Interior Designer #1456
NCIDQ Certificate Holder

ORGANIZATIONS

National Council for Interior Design
WELL Building Institute
American Institute of Architects,
Associate Member
AIA New Orleans,
Committee on the Environment
American Institute of Architects,
Emerging Professional Committee
City of New Orleans Technical Advisory Group
for Energy Benchmarking

AWARDS

2022 "Ones to Watch" in Architecture,
New Orleans CityBusiness
2021 "Top Young Professional",
ENR Texas + Louisiana
2011 "Top Sculpture Award",
Ralph Pucci Award, Pratt Institute
2010 D+D Building Scholarship
Interior Design Senior Excellence

YEARS WITH FIRM

8

With a passion for transforming spaces, Sami brings extensive experience in architectural interior renovations across diverse sectors, including residential, healthcare, and hospitality. Her expertise shines in collaborative settings at NANO, where she leverages team strengths to tackle design challenges creatively. Notable projects include her role as lead designer for a historic French Quarter townhouse, soon to be The Dead Rabbit, and the New Orleans Ernest N. Morial Convention Center.

Outside of the office, Sami is dedicated to her community, participating in the Urban Land Institute, Habitat for Humanity's "Women's Build," and the American Institute of Architects (AIA), where she has spoken on numerous webinars and presentations and serves on two AIA committees: the Emerging Professionals Committee and the 2030 Challenge Committee.

Sami holds a Bachelor of Fine Arts in interior design from Pratt Institute in Brooklyn, New York, where she graduated with multiple awards and honors. In 2021, she was recognized as a "Top Young Professional" by Engineering-News Record. Additionally, she received the "Top Sculpture Award" and the Ralph Pucci Award in 2011, as well as a "D+D Building Scholarship for Senior Excellence" in 2010.

KEY PROJECT EXPERIENCE

The Boscoyo House <i>New Orleans, LA</i>	2401 Bienville Street <i>New Orleans, LA</i>	Sewerage + Water Board Carrollton Engineering Building <i>New Orleans, LA</i>
Guide To Thrive International	Perlis Clothing <i>New Orleans, LA</i>	Orleans Parish District Attorney's Office <i>New Orleans, LA</i>
Ernest N. Morial Convention Center Stage 1 + 2 <i>New Orleans, LA</i>	Son of a Saint Headquarters <i>New Orleans, LA</i>	Orleans Parish District Attorney's Office <i>New Orleans, LA</i>
Contemporary Art Center: Baton Rouge Gallery <i>Baton Rouge, LA</i>	Historic Auditorium <i>New Orleans, LA</i>	Duplass Law Office <i>New Orleans, LA</i>
Submerged Experience Exhibition <i>Venice Biennale, Italy</i>	2401 Bienville Street <i>New Orleans, LA</i>	New Orleans Youth Study Center <i>New Orleans, LA</i>
	Octavia Books + Scrambled <i>New Orleans, LA</i>	



Henry Savoie

AIA, NCARB

Project Role: Project Architect

Henry is a project architect at NANO, with a wide range of academic research and professional experience.

EDUCATION

B.Arch.,
Auburn University
Summa Cum Laude

Rural Studio
Newbern, AL

Rome Studio
Rome, Italy

REGISTRATIONS

LA Registered Architect #10071

NCARB Certificate Holder #110534

ORGANIZATIONS

American Institute of Architects (AIA)

Aydelott Foundation Fellow

Design Habitat

AWARDS

2020, Henry Adams Medal, AIA
2020, CADG Outstanding Student Award
Auburn University

2020, Thesis Studio Book Award
Auburn University

2019, Aydelott Travel Grant,
The Aydelott Foundation

2019, Summerour Prize

YEARS WITH FIRM

1

His portfolio includes custom residences, affordable housing, museums, convention centers, and stadiums. He is passionate about his work, his community, and his family, and proud to practice in Louisiana.

Henry received his degree in Architecture from Auburn University, where he earned the AIA Henry Adams Medal for excellence during his tenure as a student. In collaboration with professors in multiple departments, Henry contributed four years of research with DesignHABITAT developing affordable housing strategies and prototypes. As a recipient of the Aydelott Travel Grant, he has conducted research on atmosphere across Europe. He remains involved with the Aydelott Foundation as a grant juror and student advisor.

Prior to NANO, he worked as a designer at Savoie Architects and as an Architect at Trahan Architects, where he was involved in project management, design and construction administration. Since coming to New Orleans, Henry has been honored to work on projects integral to the identity of the city. He has played key roles in several local projects, including holistic renovations of the Ernest N. Morial Convention Center and the Caesar's Superdome.

KEY PROJECT EXPERIENCE

**Ernest N. Morial
Convention Center
Stage 2**
New Orleans, LA

Funeral Home Campus
New Orleans, LA

Cascade Parc
Birmingham, AL

**St. Lawrence Centre
for the Arts**
Toronto, Canada

Ree's Home
Newbern, AL

**Caesar's Superdome
Capital Improvements**
New Orleans, LA

Convention Center
Riyadh, Saudi Arabia

Bayfront Lodge
Santa Rosa Beach, FL

One Canal Place
New Orleans, LA

Prototype ADU Homes
Birmingham, AL



Wes Michaels

**PLA, ASLA, LEED AP
Lead Landscape Architect**

Wes is a Founding Principal of SMM based in New Orleans. He is a licensed Landscape Architect in 8 states with over 20 years of professional experience and a LEED Accredited Professional.

EDUCATION

Master of Landscape Architecture
Harvard University
Bachelor of Landscape Architecture
University of Georgia

REGISTRATIONS

Alabama #777
Arkansas #9001
Georgia #1194
Louisiana #M-300
Michigan #3901001637
Mississippi #599
Tennessee#1057
Texas #2799

ORGANIZATIONS

Urban Land Institute
American Society Of Landscape Architects
American Planning Association
Clarb Certified Landscape Architect

AWARDS

ASLA National Honor Award in Analysis and Planning: New Orleans Reforestation Plan, New Orleans, LA
ASLA National Honor Award in Communications: Talk Tree to Me, Detroit MI
ASLA National Honor Award in Analysis and Planning: Fitzgerald Revitalization Plan, Detroit, MI
ASLA National Award of Excellence in Communication for Digital Drawing in Landscape Architecture
ASLA National Award for Excellence in Analysis and Planning: Couturie Forest + Scout Island, New Orleans, LA

Wes has worked on a diverse range of projects from sustainable campus design to urban waterfronts on a national and international scale. His current work at SMM focuses on the interplay between culture and ecology in parks, streets, and urban open space networks.

Wes is an Associate Professor of Landscape Architecture at Tulane University and a Faculty Fellow at the Tulane Center on Climate and Urbanism. He previously taught at Louisiana State University and Auburn University.

Wes was awarded the ASLA National Award of Excellence in 2008, 2009, and 2012 and a Fulbright Fellowship in 2009 for research and travel in Estonia and Scandinavia. His work has been exhibited at the Cooper-Hewitt National Design Museum, The Graham Foundation for Fine Arts, and the Canadian Centre for Architecture. Wes is recognized as an early influence in the field of digital media and the design process, and his book Digital Representation in Landscape Architecture was published by Wiley Press in 2010.

KEY PROJECT EXPERIENCE

**Tulane University
Native Gardens**
New Orleans, LA

**Lafitte Greenway
Shelter**
New Orleans, LA

**Stuart Hall School
for Boys Greenspace
Improvements**
New Orleans, LA

**Dorothy Height Charter
School Stormwater +
Nature Center**
New Orleans, LA

**Ella Fitzgerald Park and
Greenway**
Detroit, MI

**NOCCA Press Street
Gardens**
New Orleans, LA

Butzel Family Park
Detroit, MI

**Dorothy Height
Charter School Green
Schoolyard**
New Orleans, LA

**NORA Beautification of
Vacant Lots**
New Orleans, LA

**Luther George
Park Renovation +
Expansion**
Springdale, AR

Miller Park District
Chattanooga, TN



Emily Bullock

PLA, ASLA
Landscape Architect + Project Manager

Emily is a Principal at SMM landscape architects. Emily's work focuses on planting design, especially the use of native plants, and sustainable landscape design.

EDUCATION

Master Of Landscape Architecture
 Louisiana State University

Bachelor Of Arts
 Davidson College

REGISTRATIONS

Louisiana #B-425

Arkansas #712001

ORGANIZATIONS

Member, American Society
 Of Landscape Architects

Secretary, Louisiana Chapter: American
 Society Of Landscape Architects

Board Member, Friends Of Lafitte Greenway

Board Member, The Water Collaborative

AWARDS

ASLA National Honor Award in Analysis +
 Planning, A Cultural Approach: The Fort Peck
 Tribes Hazard Mitigation Plan

ASLA National Honor Award in Analysis +
 Planning, New Orleans Reforestation Plan

ASLA National Honor Award in
 Communications, Talk Tree to Me: Facilitating
 a Complex Conversation Around Trees in
 Detroit

ASLA National Honor Award in Analysis and
 Planning: Fitzgerald Revitalization Plan,
 Detroit, MI

She has worked on a range of projects that involve comprehensive stormwater management practices and the capture and reuse of water on site. Emily has experience working with dynamic and diverse communities across New Orleans, as well as in cities such as Detroit, Brownsville, TX, and Springdale, AR among others. She has designed and led community engagement efforts in the Fitzgerald neighborhood in Detroit, a youth-inclusive design process with middle school students at Habans Elementary in New Orleans focused on stormwater management, and a bilingual neighborhood green infrastructure engagement plan in San Juan, Puerto Rico.

KEY PROJECT EXPERIENCE

**EPA Schools as Cleaner
 Air and Cooling Centers**
Various Communities

**Dorothy Height Charter
 School Stormwater +
 Nature Center**
New Orleans, LA

**Luther George Park
 Renovation + Expansion**
Springdale, AR

**Ella Fitzgerald Park +
 Greenway**
Detroit, MI

**Dorothy Height Charter
 School Green Schoolyard**
New Orleans, LA

**Caño Martin Peña Open
 Space + Stormwater Plan**
San Juan, Puerto Rico

Butzel Family Park,
Detroit, MI

Miller Park District,
Chattanooga, TN

**NOCCA Press Street
 Gardens**
New Orleans, LA

**Stuart Hall School
 for Boys Greenspace
 Improvements**
New Orleans, LA

**KIPP Central City
 Primary Ripple Effect
 Courtyard**
New Orleans, LA

**NORA Beautification of
 Vacant Lots**
New Orleans, LA



Matthew J. Weichart

PE, LEED AP
Principal-in-Charge, Mechanical Engineer

Matt is a Principal at TLC Engineering Solutions, with over 30 years of experience designing mechanical and energy management systems for libraries, educational facilities, and community-based projects.

EDUCATION

Bachelor of Science, Mechanical Engineering
 Georgia Institute of Technology

REGISTRATIONS

Louisiana PE #004482

CERTIFICATIONS

LEED AP, GBCI

ORGANIZATIONS

ASHRAE, Member

AWARDS

2022, ENR Southeast, Best Project, Cultural/
 Worship, City of Winter Park Library

2022, American Architecture Award, Library,
 City of Winter Park Library

Matt is an experienced operations manager and works with staff to ensure they have the necessary resources to provide engineering solutions that meet owners' requirements within budget constraints. He quickly addresses and resolves project concerns, which, coupled with his creativity, makes him an outstanding leader and team player. His background in designing sophisticated mechanical and energy management systems make him an asset to the team.

KEY PROJECT EXPERIENCE

City of Winter Park Library, Events Center and Tiedtke Amphitheater Winter Park, Florida

New civic and cultural hub includes a library, events center and outdoor amphitheater. This thoughtfully designed project creates a community asset with a common area for reading, education spaces, a business center, auditorium, a grand ballroom for large celebrations, assembly space, rooftop terrace, and an open outdoor plaza. 2022, ENR Southeast, Best Project, Cultural/Worship. 2022, American Architecture Award, Library. \$42 million / 49,146 sf

Clearwater Main Library Renovation Clearwater, Florida

First-floor renovations include moving the library entrance and adding collaboration and meeting spaces. Renovations also include the exterior patio, removal of the current gallery space to make room for additional meeting rooms, and enclosing the rooftop terrace and adding a 3,000 sf area, which will have restrooms and storage areas. \$6 million / 1,000 sf (new) 1000 sf (Reno)

University of Central Florida John C. Hitt Library Phase 1A Orlando, Florida

New four-level addition to connect the ARC building to the library and provide a new entrance to the existing library. Phase 1A included fit-out of the ARC building fourth level shell space to a reading room, new electrical distribution and fire alarm, as well as coordination of temporary HVAC systems. Additionally, the electrical service switchboard and standby generator system/transfer switch were phased out and replaced with a new distribution switchboard fed from the new ARC building service. Target LEED NC 2009 Silver. Phase 2 includes collaborative learning space on the top floor of the ARC and a complete renovation of the library comprises. Phases 2 and 3. \$19.3 million (\$52 million all phases) / 113,000 sf

Dorothy Lumley Melrose Center at Orlando Library Orlando, Florida

The center houses labs for visual arts, film, digital media, graphic design and audio engineering on the second floor of the Downtown Library. \$1 million / 26,000 sf

Royal Palm Beach Library Palm Beach, Florida

Addition and renovation to the single-story facility including 70 additional parking spaces. \$3 million / 20,000 sf



John T. Hall

PE, CBO
Associate, Electrical Engineer

John is an associate at TLC Engineering Solutions with nearly a decade of experience designing electrical systems in complex projects of all scales.

EDUCATION

Bachelor of Science, Electrical Engineering
University of New Orleans

REGISTRATIONS

Louisiana PE #0046283

CERTIFICATIONS

CBO, ICC

John is an experienced Electrical Engineer experienced in the use of Revit software for 3D modeling and analysis, and is skilled in conceptualizing, designing, and implementing a variety of systems to optimize efficiency during inspections, successfully delivering innovative solutions tailored to complex technical requirements.

KEY PROJECT EXPERIENCE

Norco Library Renovation

Norco, Louisiana

Adaptive reuse and expansion of an existing bank building into a community library. The new library space houses computer areas, two study rooms, and a large meeting room for events and community meetings. \$1.1 million / 4,530 sf

Academy of Sacred Heart Bob and Jeri Nims Fine Arts Center Renovation

New Orleans, Louisiana

Renovations to the Bob and Jeri Nims Fine Arts Center that creates a state-of-the-art performance and multipurpose venue. Improvements included modernizing the performance space and stage, enlarging the bathrooms, improved lighting and acoustics, and retractable walls. The main entrance to the Mater campus was also relocated to provide a safer, more secure, and welcoming environment. \$2.7 million / 16,000 sf

Lycee Francais Historic School Renovation and Building Addition

New Orleans, Louisiana

Multi-phase renovation and addition to the former Priestly School building and gymnasium. Phase A1 - renovation of Gymnasium (7,000 sf); Phase B1 renovation-existing school building (34,000 sf) and a three-story addition to accommodate stairs and elevator (2,000 sf); Phase 2 - three-story classroom addition building will contain a community/multipurpose space, offices, a media library, tutoring areas, flex learning areas, workrooms, and support spaces. (32,000 sf). \$14 million / new and reno total 75,000 sf

University of South Florida Health Morsani College of Medicine and Heart Institute Downtown Tampa Campus

Tampa, Florida

The new 13-story high-rise tower features clinical teaching labs, an anatomy lab, a small animal and aquatics vivarium, two 200-person lecture halls, and smaller classrooms. Also includes spaces for administrative and faculty offices, dining, library, student common spaces, and building support. . Certified LEED BD+C: New Construction v4 Silver. \$173 million / 395,000 sf



Evan M. Carrie

**PE, LEED AP BD+C
Plumbing/Fire Protection Engineer**

Evan is a Plumbing/Fire Protection Engineer at TLC Engineering Solutions, with expertise in designing and delivering innovative and efficient HVAC systems for every project.

EDUCATION

Master of Science, Engineering Management
University of New Orleans

Bachelor of Science, Engineering Physics,
Mechanical Engineering, Architecture
Tulane University

REGISTRATIONS

Louisiana PE #0048143

CERTIFICATIONS

LEED AP BD+C

GBCI

Evan is a dynamic Mechanical Designer offering expertise in designing mechanical systems for diverse project types. Evan is known for crafting innovative and efficient HVAC designs that elevate project outcomes. He has an ability to collaborate with multidisciplinary teams to deliver high quality designs aligned with project goals and client needs.

KEY PROJECT EXPERIENCE

Norco Library Renovation

Norco, Louisiana

Adaptive reuse and expansion of an existing bank building into a community library. The new library space houses computer areas, two study rooms, and a large meeting room for events and community meetings. \$1.1 million / 4,530 sf

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McDonogh 19 Renovation; Tate Etienne & Prevost Center

New Orleans, Louisiana

Renovation of a three-story Renaissance-style historic building to house the Tate Etienne & Prevost Center featuring education and exhibition space dedicated to the history of public school integration and civil rights. Upper floors will house 25 deeply affordable residential units for seniors 55 and older. \$8.3 million / 40,000 sf



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