MANNING
Architecture Interiors Planning

ARCHITECTURAL AND ENGINEERING DESIGN SERVICES FOR EAT FAT CITY CENTER, A COMMUNITY CAMPUS FOR ENTREPRENEURSHIP, ART, & TECHNOLOGY

JEFFERSON PARISH
SOQ NO. 22-024
JUNE 2, 2022

Submitted By:
Manning, APC
650 Poydras Street, Ste. 1250
New Orleans, LA 70130-6101
Phone: (504) 412-2000
Fax: (504) 412-2001

Primary Contact:
Dominic A. Willard, Jr, AIA
P: 504.412.2000
daw@manning.xyz

MANNING
Architecture Interiors Planning

June 2, 2022

Jefferson Parish
Purchasing Department
200 Derbigny St., Ste. 4400
Gretna, LA 70053

Re: SOQ No. 22-024
Architectural and Engineering Design Services for the EAT Fat City Center, a Community Campus for Entrepreneurship, Art & Technology

To Whom It May Concern:

Jefferson Parish's Fat City neighborhood has become a noteworthy example of how parish government can engage community stakeholders and businesses in revitalizing a neighborhood. Fat City is once again becoming an urban hub within the Parish, and the Eat Fat City Center could accelerate its regeneration.

To bring Jefferson Parish's vision to a reality with the full impact of economic generation and increased community vitality, Manning is a partner with the expertise needed, and we more than exceed the minimum requirements stipulated in the Request for Qualifications.

1. The person(s) or firm(s) under consideration shall have at least one (1) principal who is licensed, registered architect or professional engineer in the State of Louisiana (Section C. of TEC Professional Services Questionnaire.)
   a. Dominic A. Willard, AIA will be the Principal-in-Charge for this project. He is a licensed architect in the State of Louisiana.

2. The person(s) or firm(s) under consideration shall have a professional in charge of the Project who is licensed, registered architect in the State of Louisiana with a minimum of five (5) years' experience (Section K. "PROFESSIONAL IN CHARGE OF PROJECT:" of TEC Professional Services Questionnaire).
   a. Dominic A. Willard, AIA will be the Professional In Charge of Project and has 18 years of experience.

3. The person(s) or firm(s) 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)
   a. Manning, APC has a total of six licensed architects, four in the State of Louisiana.

4. The person(s) or firm(s) under consideration must have an established business office located within the New Orleans–Metairie metropolitan statistical area or

A Professional Corporation
650 Poydras Street, Suite 1250
New Orleans, LA, 70130-6106
tel 504.412.2000
fax 504.412.2001
www.manning.xyz

indicate in the Statement of Qualifications that they will establish one explicitly for this work;

a. Manning, APC is headquartered at 650 Poydras St., Ste. 1250, New Orleans, LA 70130.

5. The person(s) or firm(s) under consideration must be qualified to provide or include the following sub-consultants:
   a. Structural Engineer – Julien Engineering & Consulting
   b. MEP Engineer – Salas O'Brien
   c. Landscape Designer – Patch LA
   d. Civil Engineer – H. Davis Cole & Associates, LLC

The Manning team offers a complete range of services to Jefferson Parish. Our staff includes architects, planners, and interior designers for fully integrated services from predesign to closeout to achieve all your goals. Your project representative for this project is:

Dominic Willard, AIA
504-412-2000
daw@manning.xyz

Thank you for your consideration of our qualifications. We are ready to begin work at your direction and are committed to the project for its full duration.

Sincerely,

MANNING, APC

Wm. Raymond Manning, FAIA
LEED AP BD+C
Founder | CEO

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Resolution 139667 - SOQ to provide Architectural and Engineering Design Services for the EAT Fat City Center, a Community Campus for Entrepreneurship, Art, & Technology

B. Firm Name & Address:

Manning, APC
650 Poydras St., Ste. 1250
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:

Wm. Raymond Manning, FAIA
Founder | CEO
504.412.2000
wrm@manning.xyz

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.

Wm. Raymond Manning, FAIA
Founder | CEO
504.412.2000
wrm@manning.xyz

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

3 Administrative	___ Estimators	___ Specification Writers
6 Architects (Licensed)	___ Geologists	___ Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	___ Graduate Engineers
___ Civil Engineers	1 Interior Designers	3 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		18 **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. Julien Engineering & Consulting, Inc. 2916 General De Gaulle Dr. #200 New Orleans, LA 70114	Structural Engineer	Yes
2. H. Davis Cole & Associates, LLC 1340 Poydras St., #1850 New Orleans, LA 70112	Civil Engineer	Yes
3. Salas O'Brien 1582 Magazine Street New Orleans, LA 70130	MEP Engineer	Yes

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

6

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. Patch LA 735 North 8th St. Baton Rouge, LA 70802	Landscape Architecture	Yes
2.		
3.		

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

Dominic Willard, AIA | Principal & Architect

Project Assignment:

Principal in Charge

Name of Firm with which associated:

Manning, APC

Years' experience with this Firm:

18 Years

Education: Degree(s)/Year/Specialization:

Bachelor of Architecture, Tulane University, 2003
Master of Architecture, Tulane University, 2004

Active registration: Year first registered/discipline:

Louisiana Architect - #7328 - 2010

Other experience and qualifications relevant to the proposed Project:

Since joining Manning in 2003, Dominic Willard has served as project architect, senior associate, and now principal on many hospitality, education, and transportation projects. He is experienced in all phases of the design and construction process, from programming and design development through construction administration. Mr. Willard's thoughtful and comprehensive approach to project management have made him a natural leader on projects, including Delgado Community College School of Nursing and Allied Health Campus Renovations, Tulane University Richardson Building Renovations and Harrah's Poydras Street Hotel.

Dominic Willard, AIA

LEED Green Associate

Principal

daw@manning.xyz

Since joining Manning in 2003, Dominic has served as project architect, senior associate, and now principal on many hospitality, education and transportation projects. Dominic is experienced in all phases of the design and construction process, from programming and design development through construction administration. Dominic possesses a comprehensive background in the art of building construction, having worked in the field since 1994.

Dominic's thoughtful and comprehensive approach to project management have made him a natural leader on projects. His expertise and oversight have been critical in the successful completion of projects that have required fast-track schedules, innovative solutions, attention to detail, a hands-on approach, and responsiveness.

PROJECT EXPERIENCE:

Louisiana's Community and Technical Colleges
- Delgado Community College School of Nursing & Allied Health, on-going
- Delgado Community College City Park Campus New Construction & Renovations, on-going

Tulane University
- Center for Academic Equity/Intercultural Life, 2021
- A.B. Freeman School of Business Addition & Renovations, 2017

Dillard University
- Campus ADA Compliance, 2020
- Lawless Chapel Renovation, 2009
- Alexander Library Renovation, 2009
- Gentilly Garden - President's House, 2006

Vista Louisiana, LLC
- Federal City Master Plan Proposal, 2014

Louis Armstrong New Orleans International Airport
- Exterior Repairs for Hurricane Repairs, 2007
- Long-Term Infrastructure Development Plan, 2013

Harrah's Entertainment, Inc.
- Harrah's Poydras Street Hotel, 2006
- Hurricane Katrina Harrah's Poydras Street Hotel Damage Assessment & Recovery, 2006

Housing Authority of New Orleans
- Iberville Revitalization Plan, Phases I, II, & III, 11 city blocks
- Guste Community Center, 2016

EDUCATION:

Master of Architecture
Tulane University, 2004

Bachelor of Architecture
Tulane University, 2003

Universidad Francisco Marroquin
Guatemala City

PROFESSIONAL REGISTRATIONS:

Registered Architect:
Louisiana

National Council of Architectural Registration Boards (NCARB)

AFFILIATIONS:

American Institute of Architects (AIA)

AIA New Orleans (AIANO), Executive Board Member

AIA Louisiana (AIALA), Chapter Delegate

United States Green Building Council - Louisiana Chapter

Leadership in Energy and Environmental Design (LEED) Green Associate

COMMUNITY AND CIVIC:

Orleans Parish Democratic Executive Committee, Publicly Elected Member

Lycee Francais De La Nouvelle Orleans Charter School, Facilities Task Force Committee Member

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Tighe Kirkland, Assoc. AIA I Principal
Project Assignment:
Architectural Design
Name of Firm with which associated:
Manning, APC
Years' experience with this Firm:
18 years
Education: Degree(s)/Year/Specialization:
Bachelor of Architecture, Rhode Island School of Design, 2005 Bachelor of Fine Art, Rhode Island School of Design, 2005
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
Tighe Kirkland is a project manager on corporate, civic, hospitality, and planning projects. She has developed longstanding relationships with clients through her dedicated work and unwavering commitment to clients' goals. She is also a team builder with other partner firms and consultants. This collaborative and relational role has been important in coalescing partnerships with clients and professionals that resulted in dynamic projects like the Concessions at MSY and repeat work at the New Orleans Morial Convention Center.

Tighe Kirkland, Assoc. AIA

LEED Green Associate

Principal

tbk@manning.xyz

Tighe Kirkland has been with Manning for over ten years and is a project manager on corporate, civic, hospitality, and planning projects. She has developed longstanding relationships with clients through her dedicated work and unwavering commitment to clients' goals. She is also a team builder with other partner firms and consultants. This collaborative and relational role has been important in coalescing partnerships with clients and professionals that resulted in dynamic projects like the Concessions at MSY and repeat work at the New Orleans Morial Convention Center.

PROJECT EXPERIENCE:

Audubon Nature Institue
Aquarium of the Americas Hurricane Katrina Roof Assessment & Repair, 2014

New Orleans Ernest N. Morial Convention Center
Linear Park Master Plan & Design, on-going
Restroom Renovations, on-going
I-Cove Renovations, on-going

Alembic Community Development / Leona Tate Foundation
McDonogh 19 Senior Housing Renovation, on-going

Algiers Development District
Mixed Use Planning & Development, 2016

New Orleans East
Master Planning & Development, 2016

New Orleans Regional Planning Commission
Baton Rouge to New Orleans Rail, on-going

New Orleans Downtown Development District
Facade Restoration Campaign, 2011

Louis Armstrong International Airport North Terminal
Delaware North Concessions, 2019
Long Term Development Program, 2018
Hudson Group Concessions, 2017

Shreveport Regional Airport
TSA Security Checkpoint Consolidation, 2019
Restroom Renovation, 2018

Lakewood
Mixed Use Planning & Development, 2016

EDUCATION:

Bachelor of Architecture, 2005
Rhode Island School of Design

Bachelor of Fine Art, 2005
Rhode Island School of Design

AFFILIATIONS:

American Institute of Architects (AIA)

Urban Land Institute (ULI)

Leadership in Energy and Environmental Design (LEED)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Ryan Bertucci, AIA I Architect
Project Assignment:
Project Manager
Name of Firm with which associated:
Manning, APC
Years' experience with this Firm:
8 Years
Education: Degree(s)/Year/Specialization:
Bachelor of Architecture, Louisiana State University, 2012
Active registration: Year first registered/discipline:
Louisiana Architect - #9112 - 2019
Other experience and qualifications relevant to the proposed Project:
Ryan Bertucci joined Manning in 2014. His experience has covered all phases of the design and construction process, from programming to construction administration. He has extensive experience in 2D and 3D modeling software and Building Information Modeling (BIM) with an emphasis on AutoCAD, Rhinoceros and Revit. Mr. Bertucci's professional experience has focused on commercial, civic, hospitality and transportation-oriented projects. A few of these projects include, Plank Road Area Investment Corporation/BuildBR, Regional Transit Authority Downtown Transit Center Analysis, Louis Armstrong New Orleans International Airport North Terminal Commissary, New Orleans Ernest N. Morial Convention Center Linear Park Master Plan and Design, City of New Orleans Nora Navra Library, Tulane University of Louisiana Richardson Hall Renovations and Xavier University Faculty Housing.

Ryan Bertucci, AIA

LEED Green Associate

Senior Associate

rmb@manning.xyz

Ryan Bertucci joined Manning in 2014 as an intern architect. Ryan has been amassing experience in the architectural and construction industry since 2011; before joining the Manning team, Ryan worked as an intern architect in Baton Rouge. His experience has covered all phases of the design and construction process, from programming to construction administration. Ryan has extensive experience in 2D and 3D modeling software as well as Building Information Modeling (BIM) with an emphasis on AutoCAD, Rhinoceros, and Revit.

Ryan's professional experience has focused on commercial, civic, hospitality, and transportation oriented projects.

PROJECT EXPERIENCE:

LCTCS
- Delgado Culinary, on-going
- Delgado Nursing and Allied Health, on-going
- Baton Rouge Community College Nursing School, on-going

LTFC Alembic, LLC
- TEP Center, 2021

The McDonnel Group, LLC
- Warren Easton High School 9th Grade Annex, On-going

Plank Road Area Investment Corporation/Build Baton Rouge
- Plank Road Mixed Use Development, on-going

Regional Transit Authority
- Downtown Transit Center Analysis, on-going
- Executive Office Suite Renovations, 2018
- Canal Street Ferry Terminal, 2018

City of Baton Rouge Parish of East Baton Rouge
- TramlinkBR (Phase I), 2016

Louis Armstrong New Orleans International Airport
- North Terminal Commissary, 2019
- North Terminal Design, 2014

Ernest N. Morial Convention Center
- Linear Park Master Plan & Design, on-going

City of New Orleans
- New Orleans Public Library Branch Signage & Illumination, 2019
- Nora Navra Library, 2018

Tulane University
- Richardson Hall Renovations, 2021
- Goldring Woldenberg Complex – A.B. Freeman School of Business, 2017
- Student Health Center Renovation, 2015

Xavier University of Louisiana
- Faculty Housing, 2018
- Institutional Master Plan, 2016

EDUCATION:

Bachelor of Architecture
Louisiana State University, 2012

PROFESSIONAL REGISTRATIONS:

Louisiana

AFFILIATIONS:

Associate of American Institute of Architects (AIA)

Leadership in Energy and Environmental Design LEED Green Associate

United States Green Building Council - Louisiana Chapter

National Council Architectural Registrations Board (NCARB) Certified

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Charles Luquet, AIA I Sr. Architect
Project Assignment:
QA/QC I Architect
Name of Firm with which associated:
Manning, APC
Years' experience with this Firm:
4 Years
Education: Degree(s)/Year/Specialization:
Bachelor of Architecture, Tulane University, 1981 Master of Architecture, Tulane University, 2004
Active registration: Year first registered/discipline:
Louisiana Architect - #3298 - 1984
Other experience and qualifications relevant to the proposed Project:
Mr. Luquet has vast experience in providing all aspects of Professional Architectural Services, Project Managing and managing an architectural staff. Mr. Luquet also has a wealth of effective Quality Control experience. His unique QC experience in the field working for a large Design-Build firm has well complimented his knowledge of design and construction documents production, as well as review and quality control during all phases of design. As part of the document production team and as an Owner representative he has reviewed many projects and assisted outside consultant Architects to improve the project documents in the areas of technical accuracy, and to improve the cost-effectiveness and constructability of a project.

Charles Luquet, AIA, NCARB

Certified Facility Assessor

Senior Architect

cfl@manning.xyz

Mr. Luquet has vast experience in providing all aspects of Professional Architectural Services, Project Managing and managing an architectural staff. Mr. Luquet also has a wealth of effective Quality Control experience. His unique QC experience in the field working for a large Design-Build firm has well complimented his knowledge of design and construction documents production, as well as review and quality control during all phases of design. As part of the document production team and as an Owner representative he has reviewed many projects and assisted outside consultant Architects to improve the project documents in the areas of technical accuracy, and to improve the cost-effectiveness and constructability of a project.

Mr. Luquet finds that to be anticipatory and creative are huge assets acquired through his 40+ years of experience. The combination puts the Architect in the leading role in the Architect / Owner / Contractor relationships, while giving the Owner confidence that he has selected the right firm and that the outcome will exceed his expectations.

PROJECT EXPERIENCE:

New Orleans Ernest N. Morial Convention Center
- Linear Park Master Plan & Design
  - Lead Architectural Construction Administrator, on-going
- Restroom Renovations
  - QA/QC, Construction Administrator, on-going
- I-Cove Renovations
  - QA/QC, Construction Administrator, on-going

New Orleans Regional Transit Authority (RTA)
- RTA Executive Offices, 2019
- Canal Street Ferry Terminal, 2018

Audubon Nature Institute
- Birdhouse, on-going

LCTCS
- Delgado School of Nursing and Allied Health, on-going

Louis Armstrong New Orleans International Airport
- North and South Termiinals, on-going

Capital Area Transit Facility
- Facility Assessment, on-going

World Bank Building, Abuja, Nigeria
- Project Oversight, on-going

Dillard University
- ADA Accessibility Survey and Implementation, 2020

EDUCATION:

Bachelor of Architecture
Tulane University, 1981

Master of Architecture
Tulane University, 2004

PROFESSIONAL REGISTRATIONS:

Registered Architect:
Louisiana and Mississippi

AFFILIATIONS:

American Institute of Architects (AIA)

National Council of Architectural Registration Boards

COMMUNITY AND CIVIC:

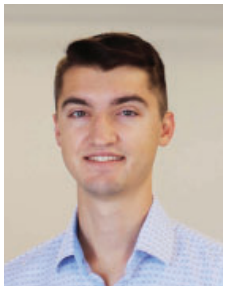
Kenner Historic District Design Commission, Advising Architect and Voting Member

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Carson Piontek, Assoc. AIA I Graduate Architect
Project Assignment:
Architectural Design
Name of Firm with which associated:
Manning, APC
Years' experience with this Firm:
4 Years
Education: Degree(s)/Year/Specialization:
Bachelor of Architecture, Tulane University, ??
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
Carson is a recent Tulane graduate, where he honed his conceptualization, visualization, and production skills on projects ranging from small offices to large-scale master planning exercises. While at Tulane, Carson served as the AIAS Tulane president, coordinated meetings, firm tours, and other events both locally and regionally. Currently, he is working towards acquiring his architectural license through NCARB.

Carson Piontek, Assoc. AIA
Architect

cmp@manning.xyz



Carson is a recent Tulane graduate, where he honed his conceptualization, visualization, and production skills on projects ranging from small offices to large-scale master planning exercises. While at Tulane, Carson served as the AIAS Tulane president, coordinated meetings, firm tours, and other events both locally and regionally. Currently, he is working towards acquiring his architectural license through NCARB.

While shadowing an architect in high school, he was fortunate to attend an OAC meeting and was inspired by the spirit of collaboration as the different aspects of the project came together. This motivated him to pursue architecture and to bring this ethos of teamwork to his professional career.

PROJECT EXPERIENCE:

Louis Armstrong International Airport North Terminal
Delaware North Concessions

Parkland Hospital Outpatient Clinic
First and Fourth Floor Tenant Build-Out

General Informatics
Corporate Master Plan

NOLA Public Schools
Facilities Assessment

Louisiana Community and Technical College System
Delgado Athletic Field House

Tulane University
Center for Academic Equity/Intercultural Life, on-going
A.B. Freeman School of Business Addition & Renovations

Ernest N. Morial Convention Center
Linear Park Master Plan & Design

World Bank Group
World Bank Nigeria

EDUCATION:

Bachelor of Architecture
Tulane University

AFFILIATIONS:

American Institute of Architects (AIA)

COMMUNITY AND CIVIC:

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Rachel Billingsley, AIA I Sr. Architect & Interior Designer
Project Assignment:
Architect I Interior Designer
Name of Firm with which associated:
Manning, APC
Years' experience with this Firm:
9 Years
Education: Degree(s)/Year/Specialization:
Bachelor of Fine Arts - Art History, University of Texas Austin, 1996 Master of Architecture, University of Texas at Arlington, 2006
Active registration: Year first registered/discipline:
Texas Architect - #25690, 2016 Texas Interior Designer - #12356, 2018
Other experience and qualifications relevant to the proposed Project:
Rachel Billingsley is an architect with over ten years of professional architectural experience and has re-joined Manning in 2019 after working with the firm from 2009-2015. Her experience includes visualization, master planning, documentation for predesign, schematics, design development and construction document phases as well as construction administration. Rachel's project focus are on healthcare, senior living, multi-family housing, higher education, transportation and education. Rachel is a LEED Accredited Professional, registered architect and registered Interior Designer.

Rachel Billingsley, AIA

LEED AP

Senior Architect | Interior Designer

rab@manning.xyz

Rachel Billingsley is an architect with over ten years of professional architectural experience and has re-joined Manning in 2019 after working with the firm from 2009-2015. Her experience includes visualization, master planning, documentation for predesign, schematics, design development and construction document phases as well as construction administration. Rachel's project focus are on healthcare, senior living, multi-family housing, higher education, transportation and education.

Rachel is a LEED Accredited Professional, registered architect and registered Interior Designer.

PROJECT EXPERIENCE:

Tulane University
Center for Academic Equity/Intercultural Life, 2021

Parkland Hospital Outpatient Clinic
First and Fourth Floor Tenant Build-Out, on-going

Dallas/Fort Worth International Airport
Terminal C Renovations, on-going
CTX recapitalization, on-going
Terminal C High Gates Interior Build-out, 2020
Customer Experience/Innovation Office Suite Renovation, 2019
Terminal Renewal and Improvement Program
Terminals A, B, C, 2010 - 2018
Amenities Master Plan Terminals B, E, 2013-2014
Concessions Master Plan Terminal D, 2013
Terminal A, 2013
Terminal Development Program
Terminal E, 2010
Corporate Aviation, 2010

American Airlines at DFW
Yandry Center Renovation, 2019

Dallas Independent School District
Addition and renovation of Thomas L. Marsalis Elementary School, 2011
H.I. Holland Elementary School at Lisbon, 2011
Clara Oliver Elementary School, 2011
South Oak Cliff High School, 2014
Zumwalt Middle School Science Lab, 2014
Stonewall Jackson Elementary School, 2014

EDUCATION:

Master of Architecture
University of Texas at Arlington, 2006

Semester Abroad
Universidad Politecnica de Cataluna
San Cugat, Spain

Bachelor of Fine Arts - Art History
University of Texas at Austin, 1996

Semester Abroad
Santa Chiara at
Castiglion Fiorentino, Italy

Studio Art
Washington University
St. Louis, Missouri

PROFESSIONAL REGISTRATIONS:

Registered Architect: Texas

Registered Interior Designer: Texas

AFFILIATIONS:

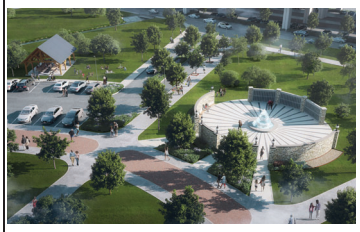
American Institute of Architects (AIA)

Leadership in Energy and Environmental Design (LEED) Accredited Professional

COMMUNITY AND CIVIC:

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:	
Project Name: Jefferson Parish Community Development - COVID Memorial and Farmers Market Location: Jefferson Parish, LA Owner's Contact: Calvin Thompson Council Aide, Councilman Byron L. Lee, District 3 504-736-6591 cthompson@jeffparish.net	 Manning is developing two parish-owned parcels situated on both sides of a major highway (the Westbank Expressway) into community space, including a farmer's market, splash zone, Covid memorial, picnic areas, and walking trail, as the first phase of a comprehensive development. The park incorporates a program aimed at promoting health, wellness, recreation, and social gathering. The farmers market will anchor Phase 1 with fresh food options that are currently lacking in the community. A Covid memorial acts as a place of quiet reflection where visitors may find the names of those lost in the Covid-19 pandemic. The center of the memorial is a fountain, a symbol of the river of life with its musical hush providing a serene atmosphere. Our Role: Programming, Architect of Record	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
TBD	$6 million (E)	TBD

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Project Name: General Informatics Master Plan & @Highland Corporate Headquarters Location: Baton Rouge, LA Owner's Contact: General Informatics Mohit Vij I CEO 225-767-7670 mo@geninf.com	 Manning developed the master plan for General Informatics' pioneering development dubbed @Highland. It integrates leading-edge technology with lifestyle on an 8.5 acre campus that incorporates offices, housing, commerce, and nature. Manning also designed the 50,000 sqft corporate headquarters within the campus that would become a hub for thought, collaboration, and community that catalyzes Louisiana's business and tech sectors. Our Role: Programming, Architect of Record, in JV	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2018 (A)	$11 million	$11 million

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility**	
Project Name: Nora Navra Library Location: New Orleans, LA Owner's Contact: City of New Orleans Jerry D. Harris Project Manager, Capital Project Administration 504-658-8681 jeharris@nola.gov	 Manning provided architectural services for the renovation and addition to the Nora Navra Library. The project renovated the existing library and expand the facility from 2,700 to 7,900 square feet. An extensive community outreach program was administered by Manning in order to understand the desires and needs of the neighborhood. Our Role: Complete architectural and interior design services.	
Completion Date (Actual or estimated)	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2018 (A)	$3 million	$300,000

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Project Name: Plank Road Mixed-Use Development Location: Baton Rouge, LA Owner's Contact: Plank Road Area Investment Corporation Christopher J. Tyson Former CEO Build Baton Rouge 225-387-5606 ctyson@ebrra.org	 Manning provided programming, planning, and architectural designs for this cornerstone mixed-use development. The plan focuses on 4.3 miles along Plank Road, what the President and CEO of Build Baton Rouge calls "our city's most blighted and disinvested commercial corridor," with the goal of connecting North Baton Rouge to Downtown and LSU through new bus rapid transit service and strategic development projects facilitated by land banking of blighted properties in a true transit-oriented development (TOD) project. Our Role: Project Architect	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2023 (E)	$7.3 million (E)	$7.3 million

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Project Name: New Orleans Ernest N. Morial Convention Center Great Hall and Linear Park Location: New Orleans Owner's Contact: David Mason, Director of Construction 504-582-3041 dmason@mccno.com	 	The Linear Park design improves outdated traffic patterns in the Warehouse District, which brings several failing intersections up to acceptable standards. Our Role: Architect of Record as a JV. The renovation of the NOENMCC created a new 60,000 sqft, column-free ballroom dubbed "The Great Hall". Manning also enhanced the Julia Street entrance to provide visitors with a grand 'sense of arrival' as they approach the mile-long facility from downtown, including an executive conference center with an outdoor rooftop terrace and lounge.
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
Linear, 2021 The Great Hall, 2013	Linear Park: $65 million The Great Hall: $42 million	Linear Park: $1.4 million The Great Hall: $42 million

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Project Name: Delgado Community College Culinary Arts and Workforce Development Location: New Orleans, LA Owner's Contact: Louisiana Community & Technical College System Anthony Brown Director of Operations, Risk & Emergency Management 225-922-2330 anthony.brown@lctcs.edu		Manning provided programming, planning, and architectural design for the new 40,000 sqft state-of-the-art facility will house the Culinary Arts and Industrial Workforce programs. The Culinary Arts program will include new, fully equipped teaching kitchens, a demonstration kitchen with tiered seating for over 70 students, a multi-purpose dining room that can host student dinners, an outdoor dining patio and classrooms, computer labs, and offices. The Workforce Training program includes large, flexible open workspaces for the Electrical and Welding programs. Our Role: Architect of Record
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2023 (E)	$12 million	$12 million

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Project Name: Tulane University A.B. Freeman School of Business Location: New Orleans, LA Owner's Contact: Randy Philipson Tulane University Vice President - Facilities, Campus Development, & Services 504-314-2170 randy@tulane.edu	 The integrated design merges the undergraduate and graduate business schools into a single unified structure featuring more than 80,000 square feet of new and renovated space, including 10 new classrooms, more than 30 new student breakout areas and an expansive three-story atrium fronted by a wall of waving glass. Our Role: Architect of Record.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2018 (A)	$27 million	$2.7 million

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Project Name: Tulane University Center for Equity & Intercultural Life Location: New Orleans, LA Owner's Contact: Randy Philipson Tulane University Vice President - Facilities, Campus Development, & Services 504-314-2170 randy@tulane.edu	 Tulane University commissioned Manning to design the Center for Academic Equity and Carolyn Barber Pierre Center for Intercultural Life. The center incorporates the Office of Multicultural Affairs, Religious Life, and the Office for Gender and Sexual Diversity, providing a unique opportunity to explore diversity and inclusion in an architectural context. The new center will serve under-represented and non-traditional students and will act as the hub of diverse cultural, social, and intellectual life at Tulane. "Open conversations" became a theme of Manning's design. The intent is to encourage students to gather and hold conversations. Our Role: Full architectural and interior design services.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2018 (A)	$5.8 million	$5.8 million

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Project Name: Xavier University Parking Lots & Parking Garage Conceptual Design Location: New Orleans, LA Owner's Contact: Marion Bracy Xavier University Vice President - Facilities Planning & Management 504-520-7507 mbracy@xula.edu	 	In 2016 Manning was part of developing the Institutional Master Plan for Xavier with the City of New Orleans in order for the University to have a clear picture of its current parking assets and future growth needs. More recently in 2019 and 2020, Manning was engaged by the University to assist in managing and conducting a traffic analysis to address potential street acquisitions, coordinating with the City of New Orleans. The concept for the Parking Garage is to continue the design language established by the Xavier Convocation Center and Annex. The site layout links current campus construction, existing campus circulation patterns, and allows for future campus growth. Our Role: Full architectural services
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
Parking Lots - 2011 (A) Parking Garage - conceptual design only	N/A	N/A

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Project Name: TEP Interpretive Center & Senior Living Location: New Orleans, LA Owner's Contact: Michael Grote Alembic Community Development Director of Building Programs 504-569-0014 mgrote@alembiccommunity.com		Manning provided full architectural services for the preservation and renovation of the former McDonogh 19 school building where Leona Tate, Gail Etienne, and Tessie Prevost integrated the New Orleans public school system as first graders. The design transformed the shuttered school into a museum, community center, and includes housing for twenty-five seniors.
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2021 (A)	$9 million	$9 million

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. Manning, APC has no current or prior history of litigation with Jefferson Parish. Further, Manning, APC has filed no claims against clients or project team members over the past ten years and has had no claims filed against us in the past ten years.		
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.

For 36 years, Manning, APC has been a part of advancing possibilities and opportunities for the Metairie-New Orleans Metropolitan Area. We're honored to have been part of creating visions for communities and bringing them to fruition through leadership across sectors: civic, cultural, corporate, education, transportation, healthcare, and hospitality. Our proven track record with complex, urban projects has been built on a framework of collaboration with our clients, partners, and communities and has led to extraordinary clarity and innovation. We create meaningful environments that celebrate life and help to sustain resilient communities.

We understand that economic generation is vital to community advancement and the success of the EAT Fat City Center. Economic generation has been foundational to most of our projects. Each project serves a community. Our decades of work at the Morial Convention Center helped to position the facility as a major economic generator for our region. Similarly, our projects ranging from Concourse C and Katrina repairs at the old MSY airport terminal to long-range planning for its redevelopment and concessions for the new terminal have fortified the airport's ability to attract visitors to the area. And our transportation projects continue to facilitate access throughout the region, including our renovations to the New Orleans UPT that developed it into a multi-modal facility, system-wide projects for RTA, and planning to increase passenger rail service from Baton Rouge to New Orleans.

New Orleans Ernest N. Morial Convention Center

River District Upriver Parcel Development, On-going

Facility-Wide Restroom Renovations, 2019

Linear Park, 2021

i-Cove Lounge & Break-Out Spaces, 2021

Board Room, 2018

Great Hall & Ballroom Renovation, 2013

Phase II Expansion

Phase III Expansion

Reinforcing Jefferson Parish's vision for Entrepreneurship, Art, and Technology in a campus environment that fosters interaction, Manning offers not only vision and enthusiasm but also experience. The following examples are organized by category, but each project engaged users and the larger community, and many are a part of a mixed-use development or campus, cross-pollinating ideas and networks.

Entrepreneurship:

- @Highlands – Corporate headquarters for a tech company and incubator space to develop other local tech companies and the economy of the Baton Rouge area.
- Plank Road Mixed Use – A transit-oriented development to link opportunities to residents in a community-focused facility incorporating offices for the non-profit development innovator and other community-based organizations.
- Tulane School of Business – The facility was designed to attract visitors from all points of the campus into the welcoming and communal atrium and translucent classrooms and study spaces, and hopefully, igniting an entrepreneurial spirit.

Art:

- Linear Park, Morial Convention Center – Local art is celebrated through venues located along the park, and community happenings are programmed in flexible outdoor event spaces.
- School of Architecture Exhibit Gallery – Art and education meet in this new gallery and entrance for Southern University's School of Architecture, where students, alumni, and visitors interact.
- Design Standards for Renoir Arts and Cultural District – Manning is creating design standards to develop a culturally rich but underserved neighborhood in Baton Rouge into a thriving arts district.

Technology:

- @Highlands – the hub for tech companies incorporates smart-building technology: voice-command controls, facial recognition, thermal scanning, and automatic control of artificial lighting with daylighting. Custom-designed software is available to meet tenants' unique requirements.
- Tulane Business – The educational venue incorporates the latest technology, including a simulated commercial trading floor and financial analysis lab that is open 24/7.
- Ochsner Center for Nursing and Allied Health – The school on Delgado's City Park campus is a partnership between Ochsner and the community college to train the next generation of healthcare professionals. It offers the latest in medical technology and includes a virtual hospital floor with operating rooms and simulation labs in an equipment-intensive environment supplemented with flexible classrooms, library, offices, and conference facilities.

Programming and Predesign Expertise

Manning has significant programming experience on complex projects, including Phase III of the Morial Convention Center, New Orleans Public Library improvements and rebranding, Tulane's Center for Intercultural Life, Xavier University Convocation Center and Annex, RTA Administrative Offices, and many educational facilities. Manning is diligent on the front end to ensure a smooth and effective design and construction process. Predesign services may be required to investigate existing conditions or delve into project needs. We are experienced with investigations, analysis, and planning through endeavors such as the ADA analysis and implementation plan for Dillard University, the existing facilities assessments for the entire public school system in Orleans Parish, and the space needs analysis for Southern University. These efforts shared the common goal of defining needs and aligning them with budgets prior to design and implementation.

CMAR Experience

Many times, to realize the most cost-effective solution within schedule constraints and while maintaining strict control over quality, our approach has led to a Design/Build or Construction Manager at Risk (CMAR) construction methodology. In this approach, Manning and the contractor work as a unified team in a collaborative process from the inception of design through close out of construction. The design team benefits from having cost feedback early in the process, so that our design efforts are made most efficient—no going too far down a path that later requires redesign. The contractor benefits from early engagement in the process that ensures the construction documents package will be fully understood and vetted, including early constructability reviews and phasing plans that get construction forces mobilized early. Unknowns are reduced in this process, which results in benefits to the Owner in adherence to budget and schedule. This approach unifies the Owner, architect, and contractor into a team that has the same goals.

Manning's experience in all of these methodologies includes the first large-scale public CMAR in Louisiana—the New Orleans East Hospital; Warren Easton Ninth Grade Academy, which was design/build; and design-assist on the TEP Interpretive Center and Senior Housing.

Sustainable Design

Manning's goal is to design every project to the highest level of sustainability possible. This leads us to use passive interventions in many instances to achieve high performance with the least impact on the budget. We target meeting LEED Silver standards, such as in the example of Dunbar Elementary, which was designed to meet LEED Silver standards without commissioning. Other projects incorporate innovative energy systems, such as Marsalis Elementary, which uses geothermal technology. All of our leadership team members are LEED-accredited professionals. The firm has been recognized as a Top 100 Green Design Firm by *Engineering News Record* and has won awards such as USGBC's Excellence in Sustainability Award.

Schedule

Manning acknowledges the preliminary schedule indicated in the RFQ and commits to working with the owner and the contractor to realize the most efficient delivery of the EAT Fat City Center. Our process during design is to align the schedule and budget at each phase. Our hands-on project management approach uses Lean Principles to guide the process to be most effective and efficient. During construction, we will provide information needed by the contractor with short turnaround times and work in collaboration to deliver the project on time.

Keeping on track: budget and schedule case study

Always important is budget and schedule. This Ochsner Center for Nursing and Allied Health at Delgado Community College is the largest of three projects we're currently working on at the City Park campus that also include an athletics fieldhouse and the Culinary Arts & Workforce Training Facility. The new, state-of-the-art Nursing and Allied Health Center is five stories and roughly 120,000 SF. Its program includes classrooms, teaching labs, offices, conference and study rooms as well as a virtual hospital floor that features a mock OR, patient rooms, and simulation labs that allows students to learn in an immersive environment. These are technology and equipment-intensive spaces.

We realized early on that we would be faced with significant budget and schedule challenges. Construction costs were skyrocketing due to the pandemic, which required a reassessment of the program. We worked as a tight team with the CMAR contractor who developed conceptual pricing estimates starting very early so we'd have real-time costs as we developed the design. We also brought together a group of stakeholders to fine-tune the program during our scope to budget process. To meet the desired construction schedule and stay within budget, we suggested a fast-track delivery method featuring multiple early-release bid packages. This allowed our CMAR team to get under contract with subcontractors quickly and lock in pricing before it continued to escalate. We've been able to hit our targeted budgets for each early release package and are on track as we near the completion of Construction Documents. Our team is highly experienced in all construction delivery methods and will not require a learning curve. We can hit the ground running to deliver this project on time and in budget.

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

Signature: _____ **Print Name:** Wm. Raymond Manning, FAIA

Title: CEO | Founder **Date:** June 2, 2022

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Architectural and Engineering Design Services for the EAT Fat City Center, a Community Campus for Entrepreneurship, Art, & Technology

SOQ No. 22-024

Resolution No. 139667

B. Firm Name & Address:

H. Davis Cole & Associates, LLC
1340 Poydras Street, Suite 1850
New Orleans, LA 70112

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:

H. Davis Cole, P.E.
Managing Member/ Principal Engineer
Phone: (504) 836-2020
Fax: (504) 836-2010
Email: hdcole@hdaviscole.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.

H. Davis Cole, P.E.
Managing Member/ Principal Engineer
Phone: (504) 836-2020
Fax: (504) 836-2010
Email: hdcole@hdaviscole.com

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

2	Administrative	--	Estimators	--	Specification Writers
--	Architects (Licensed)	--	Geologists	--	Structural Engineers
--	Chemical Engineers	--	Geotechnical Engineers	1	Graduate Engineers
2	Civil Engineers	--	Interior Designers	1	Project Managers
1	Construction Inspectors	--	Landscape Architects	--	Clerical
--	Ecologists	--	Land Surveyor	--	Grant/Funding Specialist
--	Electrical Engineers	--	Mechanical Engineers	--	Sanitary Engineers
--	Engineer Intern	--	Environmental Engineers		
--	Professional Land Surveyors			7	**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. Not Applicable

2.

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

YES ☐ **NO** ☑ Not Applicable

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. **Not Applicable**		
2.		
3.		
4.		
5.		

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

7 (The total number of employees available to contribute to the project from the Prime and Subconsultant Firms)

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 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 OR PROJECT:

Name & Title:

H. Davis Cole, P.E.
Managing Member/ Principal Engineer

Project Assignment:

Client Manager; Principal -in-Charge

Name of Firm with which associated:

H. Davis Cole & Associates, LLC

Years' experience with this Firm:

15 Years (2006)

Education: Degree(s)/Year/Specialization:

BSCE, 1998, Civil & Environmental Engineering, Louisiana State University

Active Registration: Year first registered/discipline:

2002, Civil Engineer, Louisiana, No. 30219

Other experience and qualifications relevant to the proposed Project:

Mr. Cole founded H. Davis Cole & Associates, LLC in 2006 after serving several years with international, national, and local engineering firms. Mr. Cole has nearly two decades of experience working with various types of program management and civil engineering projects including wastewater, drainage, potable water, structural, and transportation improvement projects. Mr. Cole has served the Southeast Louisiana community for the past decade through his role as a Technical Advisor on many infrastructure improvement projects as well as the grant and program management of recovery programs following disasters. Mr. Cole's career has focused on providing civil and environmental engineering design solutions to municipal clients across the Gulf Coast.

EXPERIENCE WITH JEFFERSON PARISH

N. Hullen Drainage Improvements, Jefferson Parish, LA. HDCA is providing professional design services to Jefferson Parish for the preparation of construction documents for drainage and roadway improvements on North Hullen Street. The planned improvements to the street include subsurface drainage capacity improvements between 7th Street and the West Esplanade Canal and a complete reconstruction of the existing roadway. Mr. Cole is serving as the project manager and overseeing the overall design of the project. (ongoing)

Brown Avenue Canal Improvements, Jefferson Parish, LA. HDCA designed improvements to the area surrounding Brown Avenue on the West Bank of Jefferson Parish. Improvements to the area included the enclosure of the Brown Avenue Canal utilizing approximately 1,125 linear feet of 96" reinforced concrete pipe arch as well as cold-planing segments of the existing Brown Avenue and overlaying with new asphalt. Upon completion of the construction of the first phase of the project, Jefferson parish increased the scope of the project to include the remaining section of Brown Avenue for improvements. Phase II of the project was successfully bid and construction began in early 2021. Mr. Cole is currently providing construction administration services for Phase II's construction. (ongoing)

Improvements to the Ehret & Broas Lift Station (L-13-6), Jefferson Parish, LA. HDCA is providing design, permitting, bid phase, and construction phase services related to the restoration of functionality at the existing lift station on the west bank of Jefferson Parish. The existing station is to be demolished and replaced with a new, relocated station. The new station includes a wet well, valve pit, control panel, and emergency pump out, along with submersible pumps and Variable Frequency Drives (VFDs). Mr. Cole is serving as Project Manager for the design of the project. (ongoing)

New Avondale Library, Jefferson Parish, Louisiana. HDCA is serving as a subconsultant to N-Y Associates for the design of a new library branch for Jefferson Parish. The new library will be located in the Avondale area of Jefferson Parish's west bank. HDCA's role in

H. Davis Cole, P.E.
continued

the project included the structural engineering and foundation design. The project is currently in the final stage of design with bidding anticipated in late 2021. (ongoing)

Bayou Segnette Drainage Pump Station Improvements, Jefferson Parish, LA. HDCA is providing engineering services for proposed improvements to the Bayou Segnette Drainage Pump Station No. 1. Improvements to the existing pump station will include the construction of a catwalk system to connect the pump station building to the proposed new access bridge; demolition of the existing stationary bar racks upstream; construction of a new "Waskey" type bridge; installation of catenary type mechanical trash rack system; and required electrical and control facilities to support proposed improvements. HDCA is responsible for overall project management and design of all elements related to the mechanical trash rack system. The project is currently under construction and Mr. Cole is serving as the project manager. (ongoing)

Old Harvey Neighborhood Revitalization Study, Jefferson Parish, LA. HDCA, as a part of a Joint Venture - Villlavaso-HDCA, LLC, is currently providing Jefferson Parish with a comprehensive revitalization assessment and conceptual plan for improvements to the Old Harvey neighborhood on the Westbank. The intent of the study is to identify the drivers of the area's blighted condition and develop a plan for revitalizing the area to better serve the vibrant, diverse community and spearhead economic growth. HDCA's role focuses on community engagement and addressing existing infrastructure deficiencies to accommodate future growth. Public infrastructure improvement recommendations may include drainage projects (capacity and canal safety/aesthetics), sewer improvements projects (capacity, elimination of overflow and backups), water improvement projects (capacity, larger water mains to encourage industrial/ business development); and roadway improvement projects (traffic flow and access to areas of the community). Additional elements HDCA will be studying include improving environmental quality concerns, community facilities, recreational facilities, community safety, as well as potential funding sources and programs for the implementation of the recommendations. Mr. Cole is serving as the Principal Engineer on the study. (ongoing)

Ames Boulevard Resurfacing (4th Street to West Bank Expressway), Jefferson Parish, LA. HDCA provided construction administration and resident inspection services for the milling and overlaying of the existing 4-lane asphalt roadway in Jefferson Parish. The project also included asphalt patching, curb and gutter replacements, and the replacement of existing handicap ramps with ADA-compliant ramps. Mr. Cole served as technical advisor over the course of construction. (2021)

Improvements to "Rheem" Building, Department of Drainage, Jefferson Parish, LA. HDCA prepared plans and specifications for modifications to the Drainage Department's Yard Facility on the East Bank. Improvements included the addition of a dormitory and staging area for staff during emergency operations. Mr. Cole served as a Technical Advisor for the project, overseeing overall design of the improvements, as well as construction. The build-out was successfully constructed and is currently in-use. (2020)

Evaluation and Repair of "Price Brothers" Force Mains, Jefferson Parish, LA. HDCA provided engineering design and construction phase services for detailed evaluations of pre-stressed concrete cylinder pipe (PCCP) pipelines throughout Council Districts 1, 2, 3, and 4 in Jefferson Parish. These pipelines, alternatively referred to as "Price Brothers" pipe, are prone to rupture and present a potentially serious maintenance liability. HDCA evaluated various technologies and developed contract documents for an "as-needed", work-order basis evaluation program utilizing CCTV, electromagnetic, acoustic, and other evaluation techniques. Mr. Cole served as Technical Advisor. (2020)

Rehabilitation of the Jonathan Davis Wastewater Treatment Plant, Department of Sewerage, Jefferson Parish, LA. HDCA provided technical services for the complete structural, mechanical, and electrical rehabilitation of the Jonathan Davis Wastewater Treatment Plant in Lafitte, LA. The existing plant, a 1980s-vintage "Omega Type" Package Plant was to be replaced with a new state-of-the-art sequencing batch reactor plant and the existing effluent discharge into Bayou Barataria to be abandoned in favor of a new wetlands assimilation effluent discharge. Design of the new plant and effluent pump station has been completed however has not been slated for construction. Mr. Cole served as Technical Advisor. (2019)

Rehabilitation of the Harvey Wastewater Treatment Plant, Department of Sewerage, Jefferson Parish, LA. HDCA provided design, bidding, and construction administration services for the construction of improvements at the existing Harvey Wastewater Treatment Plant including construction of a new 107-foot diameter elevated trickling filter and rehabilitation of the existing trickling filter pump station. HDCA provided mechanical design of the new filter, yard piping modifications, site work, and overall project management. The new trickling filter was designed to treat up to 28 million gallons per day of sewage and contains over 108,000 cubic feet of polypropylene "random dump" type media and includes a 107" diameter hydraulically driven or "reaction-type" rotary distributor. Mr. Cole served as a technical advisor during the design phase and led construction administration efforts. (2016)

Clearview Parkway / Earhart Expressway Interchange and Surrounding Areas Drainage Study, Jefferson Parish Department of Drainage, Jefferson, LA. Mr. Cole, as Principal Engineer, oversaw the hydraulic modeling and engineering activities associated with this significant hydraulic evaluation effort aimed at solving recurring flooding issues associated with the Clearview Parkway/Earhart Expressway Interchange and the surrounding Elmwood area. For this, a hydraulic model was developed using PCSWMM modeling software for the approximate 70 acre drainage basin. Using the hydraulic model, many alternatives aimed at relieving the recurring flooding problems were evaluated. Recommendations included a series of storm water detention ponds within the interchange, a new 300 cubic foot per second drainage pumping station, and major improvements to St. Peters Ditch all totaling approximately $30 M. (2006)

H. Davis Cole, P.E.
continued

Evaluation of Canal No. 10, Jefferson Parish Department of Drainage, Jefferson, LA. For this effort, a hydraulic and physical evaluation of Canal No. 10 located in the northern portion of Kenner, Louisiana was conducted. Specifically, slope stability of the existing canal banks and hydraulic capacity of the existing canal were assessed. Given these parameters, recommendations were made to restore the canal to its required hydraulic capacity while stabilizing areas where slope stability was an issue. (2006)

Willswood Lane Roadway Improvements, Jefferson Parish Department of Streets, Jefferson, LA. This project involved the design of an addition of a third turning lane to this roadway. Also included were redesign of the roadway drainage systems, redesign of a railroad crossing, and permitting and coordinating with the railroad and various utilities. The construction cost opinion for the project was $1.9 M. Mr. Cole served as the Principal Engineer. (2006)

Lapalco Boulevard Overlay – Belle Chasse Highway to Wall Boulevard, Jefferson Parish Department of Streets, Jefferson, LA. Mr. Cole served as the Principal Engineer for the construction phase of this project which involved roadway improvements, in accordance with DOTD standards, for a 0.6 mile 4-lane segment of Lapalco Boulevard. Included were pavement repairs, addition and adjustment of drainage structures, curb and gutter replacements, and approach slab replacements. Provision and oversight of DOTD Certified Inspectors was also within the scope of the project. The project construction cost was $1.1 M. (2004)

Lapalco Boulevard Overlay – Wall Boulevard to Timberlane Drive – Jefferson Parish Department of Streets, Jefferson, LA. Mr. Cole served as the Principal Engineer for the design phase of this project. This project involves the design of roadway improvements, in accordance with LADOTD standards, for a 0.5 mile long, 4-lane segment of Lapalco Boulevard including pavement repairs, addition and adjustment of drainage structures, curb and gutter replacements, and approach slab replacements. The construction cost opinion was $1.8 M. (2004)

Lapalco Boulevard Overlay – Bayou Fatma to Brooklyn Avenue, Jefferson Parish Department of Streets, Jefferson, LA. Mr. Cole served as the Principal Engineer for the design phase of this project which involves the design of roadway improvements, in accordance with LADOTD standards, for a 0.3 mile long, 4-lane segment of Lapalco Boulevard including: pavement repairs, addition and adjustment of drainage structures, and curb and gutter replacements. The construction cost opinion was $1.7 M. (2004)

West Bank Water Treatment Plant Filter Upgrade, Jefferson Parish Department of Water, Marrero, LA. This project involved the replacement of existing sand media with a dual media (sand and anthracite), replacement of existing ceramic underdrains with plastic underdrains, replacement of filter-wash troughs, extension of filter gullet walls, and removal and replacement of the existing surface backwash system with a new air-scour backwash system at a 30 MGD surface water treatment plant. Also included was integration of the new filter backwash control system into the existing plant SCADA system. Mr. Cole served as the Project Engineer during the construction phase of the project. (2003)

Marrero Wastewater Treatment Plant Consolidated Expansion, Jefferson Parish Department of Sewerage, Jefferson, LA. Mr. Cole served as the Project Engineer on this project that involved designing a $17 M, 4.85 million gallon per day expansion to a wastewater treatment plant located on the West Bank of Jefferson Parish in the community of Marrero, LA. Additional process units were designed including a trickling filter, solids contact basin, and primary and secondary clarifiers. Extensive modifications to the existing headworks, including new mechanical barscreens and a vortex grit removal system as well as a headworks bypass line, were, designed as part of the proposed expansion. Also included in the design was expansion of odor control facilities to accommodate the additional unit processes. (2003)

DRAINAGE IMPROVEMENT PROJECTS

New River Channel Improvements, Ascension Parish, LA. HDCA is providing design services in support of major maintenance activities on a 2.7 mile stretch of the New River Canal. The scope of the work includes grading the channel to a uniform bottom elevation, debris removal, grading the side slopes for uniformity within the existing top of the bank, implementing erosion control measures in selected locations, as well as removal of the existing weir. Design of the project has been completed and was successfully bid. HDCA will also provide construction phase services over the course of construction. Mr. Cole is serving as Technical Advisor for the project. (ongoing)

Murray Hill Dr. and Destrehan Drive Drainage Improvements, St. Charles Parish, LA. HDCA was recently selected to provide drainage and paving improvements along Destrehan Drive and Murray Hill Drive in Destrehan, LA. The area is prone to impassable roadway conditions during storm events and as such, HDCA was retained to design a new subsurface drainage system including the addition of catch basins at gutter bottoms to convey the stormwater out of the area. The project also includes the accompanying roadway and driveway repairs. Mr. Cole is serving as Technical Advisor for the project. (Ongoing)

W. Madisonville Drainage Improvements, St. Tammany Parish, LA. HDCA was recently selected to provide engineering services related to proposed improvements to the roadside drainage system along Brewster Road in Madisonville. The stretch of the road which will undergo improvements extends from LA Highway 1085 to Raiford Oaks Subdivision. Mr. Cole will serve as Technical Advisor overseeing design services for the project. (Ongoing)

TEC Professional Services Questionnaire

H. Davis Cole, P.E.
continued

Lurline Dr. Drainage Improvements, City of Covington, LA. HDCA is providing design services for the proposed roadway and drainage improvements along Lurline Drive in the River Forest Subdivision of Covington. The project, which will be divided into two sections, includes the total reconstruction of the storm drain system, as well as the reconstruction of the roadway utilizing 6" thick portland cement concrete and a 8" thick soil cement base course. Scope of the project also includes curb, gutter and driveway improvements. Mr. Cole is serving as the project manager overseeing design services. (Ongoing)

Raiford Oaks Drainage Improvements, St. Tammany Parish, LA. HDCA is providing professional engineering services for the proposed improvements to the "Unnamed Stream" which flows through the Raiford Oaks Subdivision in Madisonville. The purpose of the project is to improve the stormwater conveyance and increase retention in the area. The "Unnamed Stream" suffers from inconsistent profile and varying side slopes which will be improved as part of this project. HDCA will provide engineering design, bid phase, and construction services for the project, as well as environmental and permitting services. Project is in the final phase of design. Mr. Cole is serving as Technical Advisor for the project. (ongoing)

St. Helena Parish HMGP Drainage Improvements, St. Helena Parish, LA. HDCA is currently developing hazard mitigation project alternatives to address the repetitive flooding occurring across St. Helena Parish during storm events. Phase I of the project includes the development of a detailed hydrologic and hydraulic (H&H) model to assess potential projects. HDCA will also support St. Helena Parish's development of Benefit Cost Analyses (BCA) of potential projects utilizing FEMA's BCA Toolkit. HDCA will also provide design, permitting, bid phase services, and construction administration of the funded projects (Phase II). Mr. Cole is serving as Technical Advisor of this FEMA HMGP-funded project. (ongoing)

Drainage Redirection Project (Harlem Street Area to Brushy Bayou), City of Tallulah, LA. HDCA is serving as the engineer for drainage improvements to the Harlem Street area of Tallulah, an area suffering from repetitive flooding. As part of this FEMA-HMGP funded project, HDCA prepared a hydrology and hydraulics study and is responsible for preparation of preliminary and final design of a new drainage ditch to redirect drainage in the area beneath US Highway 80 to Brushy Bayou. Based on the results of the H&H Study, HDCA also assisted the client in seeking additional funding for further improvements which allowed for the replacement of the existing open channel with a closed box culvert system. Mr. Cole is responsible for coordination with FEMA and the HMGP. The project has been fully designed and construction has been deemed substantially complete. (ongoing)

Walnut Bayou Watershed Modeling, Madison Parish, LA. Mr. Cole assisted with the preparation of a digital elevation model and a two – dimensional "rain – on – grid" type HEC – RAS hydraulic model of the entire Walnut – Roundaway Watershed. Development of the model was accomplished using Soil Conservation Service methodologies for determination of design rainfall loading of the model. The model consisted of 100' grids and is driven by the hydraulic behavior of the Tensas River. The firm prepared model scenarios for 2 – year and 100 – year rainfall events using deterministic and scenario based methodology. (2020)

Lakefront Drainage Pump Station Improvements, St. Tammany Parish, LA. HDCA provided design services for this FEMA-funded project which involved repairs of a drainage pumping station damaged during Hurricane Issac. HDCA developed plans and specifications for this rehabilitation project which included the modification of pumps to elevate the motors above the base flood elevation, detailed specifications for a "repair or replace" option for the pump motors, a structural steel control and working platform, and other ancillary improvements. Mr. Cole is continuing to support the Parish throughout construction of the project through the review of contractor RFI's and submittals (2020)

City Barn Pump Station Drainage Improvements Project, Department of Public Utilities & Department of Engineering, City of Slidell, LA. HDCA was responsible for the design, bidding, and construction administration for FEMA HMGP-funded capacity improvement projects at the City Barn Drainage Pump Station since 2014. Mr. Cole served as the technical advisor over the project which included increasing the pumping capacity at the station from 400 cubic feet per second (CFS) to 640 CFS over the course of three phases. HDCA was responsible for the mechanical, structural, and electrical design of all project elements. All three phases of the project were successfully constructed and are now in operation. (2019)

Brewster Road Regional Drainage Study, St. Tammany Parish, LA. HDCA developed a comprehensive hydraulic and hydrologic model and drainage report of the Brewster Road area in western St. Tammany Parish. HDCA prepared a computerized hydraulic model of the area based upon existing data and LIDAR and GIS data collected specifically for the project. Based upon the model, HDCA developed inundation maps for storm events and provided STPG with recommendations for potential floodplain mitigation alternatives. Mr. Cole served as a Technical Advisor for the project. (2018)

FEMA Public Assistance Funding Arbitration for St. Bernard Parish's Drainage System, St. Bernard Parish, LA. HDCA personnel continue to support St. Bernard Parish Government as they recover from the damage sustained by Hurricanes Katrina and Rita. After years of preparation and field investigations, in November of 2018, HDCA personnel accompanied St. Bernard Parish officials to Washington D.C. to argue for FEMA Public Assistance funding for damage sustained to the Parish's drainage infrastructure. Mr. Cole has served as Program Manager for the overall FEMA-funded program.The requested funds would support the repair of damaged outfall locations and storm drain lines which occurred as a result of the floodwaters and the post-disaster recovery operations. The alleged damage to their drainage system includes:

- 386 identified disaster damaged drainage outfall locations (out of a total of 680 total drainage outfalls in St. Bernard Parish) which were damaged as a direct result of the removal of Katrina debris and silt from the canals which convey

H. Davis Cole, P.E.
continued

water to the pumping stations. The team argued that the visible damage was caused by excavators, long reach excavators, and barges utilized in the removal of debris from the area, as well as the actual floodwater and debris itself.

- Over 200,000 lf of storm drain lines which are still so clogged with debris from the storm they're unable to be cleaned or CCTV'd to assess the damage. The damaged drain lines have led to other issues including ponding water, blockages, sinkholes, collapsing sidewalks, and collapsing street panels.

Due to our firm's involvement in St. Bernard's recovery from the beginning, HDCA staff members were able to provide expert witness testimony to support the Parish's request. The total request was for over $200 million. (2018)

New River Canal Control Structure Study, Ascension Parish, LA. HDCA prepared a report which evaluated existing data and reports on the New River Canal, as well as evaluated alternative means of controlling the water surface elevation. HDCA also Parish. Mr. Cole served as a Technical Advisor for the project. (2017)

Comprehensive Master Drainage Plan for Enlink Fractionation Facility, Enlink Midstream, Geismar, LA. Mr. Cole served as technical advisor and client service manager for this project, which involved the development of a comprehensive master drainage plan for a two – hundred (200) acre natural gas fractionation facility in Geismar, Louisiana. The project consisted of three phases. In Phase I, HDCA prepared a computerized hydraulic model based upon a digital terrain surface model created using LIDAR data in HEC-RAS. This model was utilized to create inundation maps for various storm events. Following the construction and calibration of the hydraulic model using stage monitoring, HDCA developed recommendations for improvements for the site in its existing state (Phase II) and a fully developed state (Phase III). (2016)

Mechanical Bar Screen Cleaners & Platform Project, Department of Public Utilities, City of Slidell, LA. HDCA provided design engineering and construction administration services for the installation of automated bar screen cleaners at the City Barn Drainage Pump Station. The project included procurement and installation of stainless steel mechanical cleaners at a 400 cfs pump station which drains a majority of "Olde Towne" in Slidell. HDCA prepared construction documents for the screens, including a concrete support structure, isolation structure, and pre-cast working deck. Mr. Cole served as Technical Advisor. (2014)

Expert Witness Services for Brengettsey vs. LaDOTD, State of Louisiana Office of The Attorney General, Baton Rouge, LA. Mr. Cole served as an expert witness in this case involving an automobile accident in East Feliciana Parish for use by the Office of the Attorney General. HDCA prepared a hydraulic model to simulate the accident in this case, which involved flooding of a ditch which was attributed to the overflow of a water tower near a state highway. Mr. Cole's expert report included a HEC-RAS model which included inundation maps for various scenarios at the accident site. (2014)

Rehabilitation of North & South Florrisant Drainage Pump Stations, Department of Public Works, St. Bernard Parish, LA. HDCA developed the design of hazard mitigation measures for drainage pump stations damaged by Hurricane Katrina. HDCA prepared construction documents and provided construction phase services for the reconstructed, elevated drainage stations. The reconstructed North Florrisant DPS has a capacity of 25 cfs and the reconstructed South Florrisant DPS has a capacity of 68 cfs. Coordination with FEMA for determination of eligible scope of work and hazard mitigation measures. Mr. Cole served as Principal Engineer/ Project Manager, responsible for oversight of mechanical, structural, and civil design aspects of the project. (2010)

City Barn Floodgate Replacement Project, Department of Public Utilities, City of Slidell, LA. HDCA personnel participated in the City's flood gate replacement project. The project involved the replacement of three 72 in x 72 in cast iron flood gates. The two- phase project consists of a procurement phase for which HDCA prepared procurement documents and specifications. HDCA personnel also prepared contract documents and specifications for the installation phase, which consists of dewatering of the site, installation of the new cast-iron slide gate assemblies, motor actuators, and installation of 3-phase power and control facilities to the new gate assemblies. Following this phase, HDCA prepared plans and specifications for the installation of a diesel generator and platform at the site. All phases were successfully let and bid. (2010)

Larose to Golden Meadow Hurricane Protection, U.S. Army Corps of Engineers, New Orleans District, LA. HDCA served as an equity partner of a joint venture corporation, The SBSA Group, Ltd., which was Prime Contractor for a USACE IDIQ contract. The SBSA Group was authorized to perform services involved in a USACE-assigned task order for a hurricane protection project, which was part of the Larose to Golden Meadow Hurricane Protection Project in LaFourche Parish; HDCA was responsible for project management and civil engineering tasks on portions of the issued task orders. The projects of interest included the Intracoastal Floodwall & Gate Structures, South LaFourche Crawfish Farm Pump Station and Floodwall, Pump Station#4, Loop T-Wall and Sheet pile Wall, Texaco Dock Floodwall & Gate Structure, Golden Meadow Pump Station, Floodwall & Gate Structure, Pump Station #1, and Pump Station #2 and Bason's Marina Access Road. Services included preparation of an Engineering Alternatives Report (EAR) for the selected site, performing an analysis of existing structures, developing design alternatives and preliminary cost estimates for what is required to stabilize the protection at its existing elevation as well as to the authorized levels, review of existing elevation as well as to the authorized levels, review of existing documentation pertaining to the sites, and providing detailed engineering and design (E&D) consisting of various design data as well as investigations and information for the EAR. The EAR included detailed geotechnical analysis and design and a structural analysis and design of the project's components for the existing and authorized elevations. Mr. Cole served as Technical Advisor. (2009)

H. Davis Cole, P.E.

continued

Hurricane Protection Office, U.S. Army Corps of Engineers, New Orleans District, LA. HDCA provided staff for the USACE Hurricane Protection Office in services related to rehabilitation and restoration of drainage pump stations throughout Jefferson and St. Bernard Parishes. Mr. Cole oversaw staff extension services as Principal Engineer and provided overall task order management. (2007)

Peters Road Drainage Study, Regional Planning Commission for Jefferson, Orleans, Plaquemines, St. Bernard, and St. Tammany Parishes, New Orleans, LA. The proposed widening of Peters Road (located on the West Bank of Jefferson Parish, near the community of Harvey, Louisiana) prompted the Regional Planning Commission (RPC) to commission a comprehensive drainage study of the surrounding area to determine the impacts that the proposed roadway widening would have on the drainage patterns areas surrounding the roadway. To accomplish this task, a team of consultants was selected to conduct the drainage study. Mr. Cole was tasked with the development of a hydraulic model of the area using PCSWMM modeling software. Using the hydraulic model, drainage hydrographs were developed for the purpose of determining the adequacy of existing and proposed drainage systems along the roadway. Mr. Cole served as the Project Manager for this effort. (2006)

Old Norco Pump Station Improvements, Department of Public Works, St. Charles Parish, LA. This project consisted of the replacing the existing 125 cubic foot per second pump at the pumping station and providing a secondary containment structure around the diesel fuel storage tank at the facility. The 125 cfs pump was replaced with an axial flow type vertical pump driven by an existing diesel drive via a right angle gear drive, which was also replaced with the pump. The secondary containment structure was designed of reinforced concrete with ship ladders provided for operator access. Mr. Cole served as the Project Engineer for the design phase of this project. (2006)

Almedia Road Drainage Pump Station, Department of Public Works, St. Charles Parish, LA. Mr. Cole, as Project Engineer, prepared the Preliminary Design Memorandum for this proposed new 100 cfs drainage pump station. For this, Mr. Cole assisted with hydraulic calculations, site design and station layout, coordinated with adjacent property owners, and coordinated subconsultant services such as structural engineering, geotechnical engineering, and land surveying. (2003)

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 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 OR PROJECT:

Name & Title:

Avis Gaines, P.E.
Senior Civil Engineer

Project Assignment:

Civil Engineer

Name of Firm with which associated:

H. Davis Cole & Associates, LLC

Years' experience with this Firm:

1 (2022 & previously as a contractor)

Education: Degree(s)/Year/Specialization:

BS, 2004, Civil Engineering, Louisiana State University

Active Registration: Year first registered/discipline:

2011, Civil Engineer, Louisiana, No. 35967

Other experience and qualifications relevant to the proposed Project:

Ms. Avis Gaines is a Professional Engineer with proven project management expertise in all project phases including planning, design and construction. She's a motivated team player with a demonstrated ability to interface stakeholder and client expectations with program and project mission, management, and delivery of projects.

Permanent Pump Stations at the Outfall Canals (Close-out), New Orleans, LA. Ms. Gaines was the project manager of the closeout of one of the largest and most complex projects of the Hurricane and Storm Damage Risk Reduction System. The $854M Permanent Pump Stations project includes storm surge barriers and three (3) new pump stations at the mouth of Lake Pontchartrain on 17th Street Canal, Orleans Avenue Canal and London Avenue Canal which will reduce the risk of storm surge entering the canals. (*Independent Experience*)

Demolition of Interim Closure Structures (ICS) at the Outfall Canals, New Orleans, LA. Ms. Gaines served as a project manager for the single construction contract to decommission and demolish the ICS that were constructed on a temporary basis post Hurricane Katrina to ensure the integrity and adequate functioning of the floodwalls along the outfall canals. This demolition effort includes removing the above ground pumps, gates, generators, fuel tanks, discharge tubes, mechanical/electrical features, buildings, platforms and the closed cell sheet pile walls that were placed during construction. Ms. Gaines' responsibilities included:

- Coordination and implementation of activities and processes required for project close-out and fiscal completion
- Development and coordination of project Review Plans to establish a process for review of projects from planning through construction
- Coordination and management of multiple technical and supporting disciplines including the hydraulic, geotechnical, structural, mechanical, electrical, environmental, and real estate to establish contract and mission requirements
- Coordination and preparation of plans and specifications for contract solicitation
- Leadership of the Project Delivery Team to resolve technical project challenges including problem solving, building consensus and conflict resolution that resulted in solution which maintained high standards of quality
- Coordination and worked with the Customer/Stakeholder to address concerns and build consensus while maintain the goals of the project mission.
- Management and maintenance of the project scope, schedule, and budget

Avis Gaines, P.E.
continued

- Coordination and development of project budgets and labor cost estimates for 3-year program, in conjunction with Project Management, Engineering Division, Construction Division, Safety, Environmental, Office of Counsel and Contracting Division for resourcing in P2 and CEFMS
- Regular review of CEFMS generated reports to monitor, track and report labor/resource requirements as well as project commitments, obligations, and expenditures
- The regular review and update of P2 and P6 project schedules to assure accurate upward reporting and to identify schedule risks/impacts and course corrections to mitigate impacts
- Utilization of the Change Management/Change Control Process to assess, document, track and obtain approval for project scope, schedule and budget changes.
- Preparation of Briefings and reports for internal and external management and public presentations (*Independent Experience*)

Storm Proofing Existing Pump Stations, Hurricane Protection Office, United States Army Corps of Engineers, New Orleans, LA. Ms. Gaines served as a project manager of the $340M effort to storm proof existing pump stations including the construction of safe rooms and improvements/features such as hardening roofs, strengthening structures, increasing water resistance on structures, elevation or increasing water resistance of equipment associated with pump drives and switch gear, protecting and providing back-up power, and providing remote operation to allow for pump station operations during storm events. (*Independent Experience*)

Existing Pump Station Repairs, Hurricane Protection Office, United States Army Corps of Engineers, New Orleans, LA. Ms. Gaines served as part of HDCA's team to assess, rehabilitate and restore existing pump stations following Hurricane Katrina in Jefferson, Plaquemines, Orleans and St. Bernard Parishes. The $110 million dollar program included repairs and replacements of various structural, mechanical, electrical and civil damages sustained by the storm. Ms. Gaines's role as a project manager included the coordination of design efforts between Architectural-Engineering Design firms and public entities. She also provided design oversight to ensure conformance of the repairs with requirements set forth by the Federal Government and local entities. Ms. Gaines' role also included the review of CEFMS-generated reports to monitor, track and report labor/resource requirements. She reviewed and updated P2 and P6 project schedules to ensure accurate upward reporting and to identify schedule risks/impacts and course corrections to mitigate impacts. (2006-2007)

Violet WWTP Transfer Pump Station, St. Bernard Parish, LA. Ms. Gaines served as part of HDCA's project design team to assist with investigations and prepare the Preliminary Design Report (PDR) which defined all design parameters for a proposed pump station required to transfer wastewater flows from the existing Violet WWTP service area to the consolidated Munster WWTP. (2006-2007)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Rachel Merkl
Civil Designer

Project Assignment:

Civil Designer

Name of Firm with which associated:

H. Davis Cole & Associates, LLC

Years' experience with this Firm:

3 (2018)

Education: Degree(s)/Year/Specialization:

B.S., 2017, Civil & Environmental Engineering, University of New Orleans

Active Registration: Year first registered/discipline:

Traffic Control Supervisor &Technician Certification, ATSSA, 2019

Other experience and qualifications relevant to the proposed Project:

Ms. Merkl is a degreed civil engineer currently enrolled in a master's program in Architecture. She joined HDCA as a member of the Engineering Design team and assists with the creation of design documents for infrastructure projects. Ms. Merkl is skilled in AutoCAD, ArcGIS, RISA, HEC-GeoHMS, HEC-GeoRAS, EPANET, SketchUp and HEC-RAS, as well as the Adobe Creative Suite of programs.

EXPERIENCE WITH JEFFERSON PARISH

N. Hullen Drainage Improvements, Jefferson Parish, LA. HDCA is providing professional design services to Jefferson Parish for the preparation of construction documents for drainage and roadway improvements on North Hullen Street. The planned improvements to the street include subsurface drainage capacity improvements between 7th Street and the West Esplanade Canal and a complete reconstruction of the existing roadway. Ms. Merkl is assisting with the development of construction documents for the project. (ongoing)

Bayou Segnette Drainage Pump Station Improvements, Jefferson Parish, LA. HDCA is providing engineering services for proposed improvements to the Bayou Segnette Drainage Pump Station No. 1. Improvements to the existing pump station will include the construction of a catwalk system to connect the pump station building to the proposed new access bridge, demolition of existing stationary bar racks upstream, construction of a new "Waskey" type bridge, installation of catenary trash rack system, and required electrical and controls facilities necessary to support such improvements. HDCA is responsible for overall project management and design of all elements related to the mechanical trash rack system. Ms. Merkl assisted with the preparation of construction documents. (ongoing)

Brown Avenue Canal Improvements, Jefferson Parish, LA. HDCA is designing improvements to the area surrounding Brown Avenue on the West Bank of Jefferson Parish. Improvements to the area included the enclosure of the Brown Avenue Canal utilizing approximately 1,125 linear feet of 96" reinforced concrete pipe arch as well as cold-planing segments of the existing Brown Avenue and overlaying with new asphalt. Upon completion of the construction of the first phase of the project, Jefferson parish increased the scope of the project to include the remaining section of Brown Avenue for improvements. Phase II was recenlty successfully bid and construction began in early 2021. Ms. Merkl has assisted with the preparation of construction documents for both phases of the project. (ongoing)

Improvements to the Ehret & Broas Lift Station (L-13-6), Jefferson Parish, LA. HDCA is providing design, permitting, bid phase, and construction phase services related to the restoration of functionality at the existing lift station on the west bank of Jefferson Parish. The existing station is to be demolished and replaced with a new, relocated station. The new station includes a wet well, valve pit, control panel, and emergency pump out, along with submersible pumps and Variable Frequency Drives (VFDs). Ms. Merkl is assisting with the preparation of construction drawings for the project. (ongoing)

Rachel Merkl
continued

New Avondale Library, Jefferson Parish, Louisiana. HDCA is serving as a subconsultant to N-Y Associates for the design of a new library branch for Jefferson Parish. The new library will be located in the Avondale area of Jefferson Parish's west bank. HDCA's role in the project included the structural engineering and foundation design. The project is currently in the final stage of design with bidding anticipated in late 2021. (ongoing)

Improvements to "Rheem" Building, Department of Drainage, Jefferson Parish, LA. HDCA prepared plans and specifications for modifications to the Drainage Department's Yard Facility on the East Bank of the Parish to provide for a dormitory and staging area for staff during emergency operations. Ms. Merkl assisted with the design of plans for the project and has provided periodic field services throughout construction. Construction was completed and the facility is currently in-use. (2020)

Metairie Road Smart Growth Program: Causeway Boulevard Intersection, Jefferson Parish, LA. HDCA is designing improvements at the intersection of Causeway Boulevard and Metairie Road as part of the overall revitalization and re-branding of the Metairie Road corridor. The scope of HDCA's project includes the removal and replacement of the existing asphalt, removal and replacement of ADA ramps, restriping of the pedestrian crossings, and the addition of pedestrian lighting and landscaping elements. The project is currently in the final phase of design. Ms. Merkl is assisting with the preparation of construction documents for the project. (ongoing)

Improvements to "Rheem" Building, Department of Drainage, Jefferson Parish, LA. HDCA prepared plans and specifications for modifications to the Drainage Department's Yard Facility on the East Bank of the Parish to provide for a dormitory and staging area for staff during emergency operations. Ms. Merkl assisted with the design of plans for the project and has provided periodic field services throughout construction. Construction was completed and the facility is currently in-use. (2020)

DRAINAGE IMPROVEMENT PROJECTS

W. Madisonville Drainage Improvements, St. Tammany Parish, LA. HDCA was recently selected to provide engineering services related to proposed improvements to the roadside drainage system along Brewster Road in Madisonville. The stretch of the road which will undergo improvements extends from LA Highway 1085 to Raiford Oaks Subdivision. Ms. Merkl is assisting with the development of construction documents for the project. (Ongoing)

Murray Hill Dr. and Destrehan Drive Drainage Improvements, St. Charles Parish, LA. HDCA was recently selected to provide drainage and paving improvements along Destrehan Drive and Murray Hill Drive in Destrehan, LA. The area is prone to impassable roadway conditions during storm events and as such, HDCA was retained to design a new subsurface drainage system including the addition of catch basins at gutter bottoms to convey the stormwater out of the area. The project also includes the accompanying roadway and driveway repairs. Mr. Merkl is providing civil design services for the project. (Ongoing)

Lurline Dr. Drainage Improvements, City of Covington, LA. HDCA is providing design services for the proposed roadway and drainage improvements along Lurline Drive in the River Forest Subdivision of Covington. The project, which will be divided into two sections, includes the total reconstruction of the storm drain system, as well as the reconstruction of the roadway utilizing 6" thick portland cement concrete and a 8" thick soil cement base course. Scope of the project also includes curb, gutter and driveway improvements. Ms. Merkl is assisting with the development of plans and specifications for the project. (Ongoing)

Raiford Oaks Drainage Improvements, St. Tammany Parish, LA. HDCA is providing professional engineering services for capacity improvements to the "Unnamed Stream" which flows through the Raiford Oaks Subdivision in the Brewster Road area of Madisonville. The purpose of the project is to improve the stormwater conveyance and increase retention in the area. The "Unnamed Stream" suffers from inconsistent profile and varying side slopes which will be improved as part of this project. HDCA will provide engineering design, bid phase, and construction services for the project, as well as environmental and permitting services. Project is in the preliminary phase of design. Ms. Merkl is assisting with the preparation of construction documents. (ongoing)

New River Canal Improvements, Ascension Parish, LA. HDCA is providing professional services in support of major maintenance activities on a 2.7 mile stretch of the New River Canal. The scope of the work has included grading the channel to a uniform bottom elevation, debris removal, grading the side slopes for uniformity within the existing top of the bank, implementing erosion control measures in selected locations, as well as removal of the existing weir. Ms. Merkl has assisted in the plan preparation for the project. Design of the project has been completed and was successfully bid. (ongoing)

St. Helena Parish HMGP Drainage Improvements, St. Helena Parish, LA. HDCA is currently developing hazard mitigation project alternatives to address the repetitive flooding occurring across St. Helena Parish during storm events. Phase I of the project includes the development of a detailed hydrologic and hydraulic (H&H) model to assess potential projects. HDCA will also support St. Helena Parish's development of Benefit Cost Analyses (BCA) of potential projects utilizing FEMA's BCA Toolkit. HDCA will also provide design, permitting, bid phase services, and construction administration of the funded projects (Phase II). (ongoing)

TEC Professional Services Questionnaire

Rachel Merkl
continued

Walnut Bayou Watershed Modeling, Madison Parish, LA. Ms. Merkl assisted with hydrologic and hydraulic (H&H) calculations for the development of a digital elevation model and a two – dimensional "rain – on – grid" type HEC – RAS hydraulic model of the entire Walnut – Roundaway Watershed. Development of the model was accomplished using Soil Conservation Service methodologies for determination of design rainfall loading of the model. The model consisted of 100' grids and is driven by the hydraulic behavior of the Tensas River. The firm prepared model scenarios for 2 – year, 10 -- year and 100 – year rainfall events using deterministic and scenario-based methodology. (ongoing)

City Barn Drainage Improvements Project, Department of Public Utilities and Department of Engineering, City of Slidell, LA. HDCA was responsible for the design, bidding, and construction administration for FEMA HMGP-funded capacity improvement projects at the City Barn Drainage Pump Station. Ms. Merkl assisted with the preparation of plans for the pumping capacity expansion from 400 cubic feet per second (CFS) to 640 CFS for Phase III of the project. HDCA was responsible for mechanical, structural, and electrical design of all project elements. All phases of the project were successfully constructed and are in operation. (2019)

East Rutland Street Drainage Improvements, City of Covington, LA. HDCA provided engineering design and construction phase services to the City of Covington for improvements to the existing roadway and subsurface drainage configuration on a block of East Rutland Street in historic downtown Covington. The project included the removal and replacement of the existing box culvert, storm drains, and catch basins that service the area and replacing them with new 24" storm pipe and trench drains. The scope also included the restoration of the existing roadway with PCCP and asphaltic overlay. HDCA also obtained a survey of the area, as well as a CCTV condition assessment of the existing box culvert on behalf of the City. Ms. Merkl assisted with the development of construction documents for the project. (2019)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

John Baucum
Construction Manager

Project Assignment:

Resident Project Representative

Name of Firm with which associated:

H. Davis Cole & Associates, LLC

Years' experience with this Firm:

10 (2011)

Education: Degree(s)/Year/Specialization:

A.A., 2021, Business Administration, Pearl River Community College
ASCE Construction Engineering Certificate Program (CERCE17)

Active Registration: Year first registered/discipline:

Traffic Control Supervisor &Technician Certification, ATSSA, 2018

Other experience and qualifications relevant to the proposed Project:

Mr. Baucum is an experienced water & sewer operator, with advanced knowledge of many aspects of public works construction. Mr. Baucum serves as a Construction Manager for HDCA, responsible for Construction Phase Services and Resident Inspection in support of design activities. Mr. Baucum's breadth of knowledge is evident in both his communications in the field and astute reporting of observations.

EXPERIENCE WITH JEFFERSON PARISH

Brown Avenue Canal Improvements, Jefferson Parish, LA. HDCA is designing improvements to the area surrounding Brown Avenue on the West Bank of Jefferson Parish. Improvements to the area included the enclosure of the Brown Avenue Canal utilizing approximately 1,125 linear feet of 96" reinforced concrete pipe arch as well as cold-planing segments of the existing Brown Avenue and overlaying with new asphalt. Upon completion of the construction of the first phase of the project, Jefferson parish increased the scope of the project to include the remaining section of Brown Avenue for improvements. Phase II of the project was successfully bid and construction began in early 2021. Mr. Baucum is assisting with construction management of the project.(ongoing)

Improvements to "Rheem" Building, Department of Drainage, Jefferson Parish, LA. HDCA prepared plans and specifications for modifications to the Drainage Department's Yard Facility on the East Bank. Improvements included the addition of a dormitory and staging area for staff during emergency operations. Mr. Baucum also provided Resident Inspection Services periodically throughout construction of the project. Construction has been completed and the facility is now in-use. (2020)

Sewer Lift Station L12-3 Rehabilitation, Department of Sewerage, Jefferson Parish, LA. HDCA was selected to provide engineering analysis and design of a relocated lift station to replace an obsolete station currently in operation. The new station is a triplex station with three 100 HP submersible sewage-handling pumps. HDCA prepared bid documents for the new station and associated piping modifications. The overall station capacity is 3100 GPM. Construction cost was $1.4 M and the project was completed successfully. Mr. Baucum served as Resident Project Representative. (2013)

DRAINAGE IMPROVEMENT PROJECTS

City Barn Drainage Improvements Project, Department of Engineering and Department of Public Utilities, City of Slidell, LA. HDCA was responsible for the design, bidding, and construction administration for multiple FEMA HMGP-funded capacity improvement projects at the City Barn Drainage Pump Station. The purpose of the projects is to improve the station's pumping capacity from 400 cubic feet per second (CFS) to 640 CFS. Mr. Baucum served as Resident Project Representative and provided daily inspection services in the field throughout the construction of all three phases. HDCA was responsible for mechanical, structural, and electrical design of all project elements. All phases of the project have been completed and are now in operation. (2019)

John Baucum
continued

East Rutland Street Drainage Improvements, City of Covington, LA. HDCA provided engineering design and construction phase services to the City of Covington for improvements to the existing roadway and subsurface drainage configuration on a block of East Rutland Street in historic downtown Covington. The project included the removal and replacement of the existing box culvert, storm drains, and catch basins that service the area and replacing them with new 24" storm pipe and trench drains. The scope also included the restoration of the existing roadway with PCCP and asphaltic overlay. HDCA also obtained a survey of the area, as well as a CCTV condition assessment of the existing box culvert on behalf of the City. Mr. Baucum provided periodic site inspections over the duration of construction. (2019)

Idaho Avenue Drainage Improvements, City of Kenner, LA. HDCA provided "third-party" resident inspection services in support of construction administration activities for this project which included the construction of large diameter drainage piping along Idaho Avenue between 24th and 25th Streets in the City of Kenner. Mr. Baucum provided inspection services for excavation, bedding, and backfill for large diameter reinforced concrete pipe arch drain lines, relocation of existing water lines concrete pavement, and sidewalk reconstruction. Mr. Baucum also coordinated with the City, Contractor, and Residents to ensure that local businesses and residences were minimally impacted by the Contractor's operations. Construction was successfully completed. (2016)

Mechanical Bar Screen Cleaners and Platform Project, Department of Public Utilities, City of Slidell, LA. As part of a hazard mitigation project to enhance reliability and pumping capacity at the City Barn Drainage Pump Station, HDCA provided engineering and construction management and inspection services for the installation of mechanical bar screen cleaners at City Barn Drainage Pump Station. The project included three new mechanical bar screen cleaner devices, sheet pile isolation walls, a precast concrete working deck, deep foundations and a cast-in-place bar screen support structure. Mr. Baucum served as resident project representative, responsible for daily inspection, coordination with the Contractor, and general construction administration. (2014)

Homewood Area Drainage Improvements, Department of Public Works, St. John the Baptist Parish, LA. Mr. Baucum served as an Inspector for this drainage infrastructure improvements project which involved the installation of a 72-inch diameter culvert crossing US Highway 61. As the highway could not be taken out of service, the culvert crossing was installed via jack-and-bore methods. The improvements were part of the overall improvements in drainage infrastructure leading up to the Homewood Drainage Pump Station. Responsibilities included capture of images of the progress of the work, observation of the installation of the culvert crossing and associated levee relocation, and roadway reconstruction. Mr. Baucum prepared and maintained daily inspection reports and an independent log of job quantities. (2011)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Jason Guy
Construction Project Manager *(Contractor)*

Project Assignment:

Construction Phase Services

Name of Firm with which associated:

H. Davis Cole & Associates, LLC

Years' experience with this Firm:

Contractor (Since 2015)

Education: Degree(s)/Year/Specialization:

B.S., 1995, Civil Engineering, Louisiana State University

Active Registration: Year first registered/discipline:

Not Applicable

Other experience and qualifications relevant to the proposed Project:

Mr. Guy has a Bachelor of Science degree in Civil Engineering and over two decades of experience providing construction management, program management, estimating, quality control, surveying and design service for governmental and municipal infrastructure projects. He specializes in the construction administration of general municipal and private projects and has participated in the design of a wide variety of projects. Mr. Guy has been instrumental in the successful construction management of federally funded projects including the recovery efforts following Hurricanes Katrina & Rita in St. Bernard Parish, Louisiana.

CONSTRUCTION PROGRAM MANAGEMENT

Program Management Services for FEMA Funded Capital Repairs – Gravity Sewer Repairs, Department of Public Works, St. Bernard Parish, LA. Mr. Guy also handled the oversight of the cleaning, video inspection, and lining of approximately 500,000 linear feet of gravity sewer lines and approximately 1,500 manholes damaged by Hurricane Katrina in 2005. His responsibilities included coordination with State and Federal FEMA officials, scope alignment, tracking, and management of project worksheets and versions, and determination and inspection of uncaptured damages. During Mr. Guy's tenure of oversight, the project has been increased from zero Federally-obligated funding to a $48 M program. (Ongoing)

Roadway Rehabilitation Program, St. Bernard Parish Government, LA. As a Construction Manager for the Roadway Rehabilitation Program, Mr. Guy has assisted in identifying and justification of additional eligible storm damage throughout both the design phase and construction phase for FEMA assessment. Mr. Guy has facilitated the resolution of construction-related field issues with third-party architects and engineers, contractors, and St. Bernard Parish Government. Mr. Guy works to ensure construction schedules are followed and maintained. Mr. Guy has also served as an Owner's Representative to address and resolve resident complaints related to the construction activities. (Ongoing)

Canal Crossing Projects, St. Bernard Parish Government, LA. Mr. Guy's duties included, but were not limited to, acquiring scope approval and funding authorization for project eligibility from FEMA (developing a Project Worksheet), facilitating proper procurement for A/E and construction services, identifying and justifying additional eligible storm damage throughout both the design phase and construction phase for FEMA assessment (versioning a Project Worksheet), reviewing, analyzing cost, a processing of contract amendments and change orders, processing all applications for payment while assuring compliance with State guidelines and FEMA eligibility. He was also responsible for holding regularly scheduled progress meetings with the A/E, contractor, and Owner during the construction phase, facilitating resolution of constructon-related field issues with A/E, contractor, and Owner, serving as an Owner's representative to address and resolve resident complaints related to the construction activities, ensuring construction schedules are followed and maintained, performing regular site visits and project

TEC Professional Services Questionnaire

Jason Guy
continued

walk-throughs as part of invoicing and change order reviews, tracking all project-related costs and billings, facilitating project close-out for both construction and grants management (maintain project files and transmittals), reporting on a weekly basis updated project summaries for the Parish President. (Ongoing)

DOTD Submerged Roads Program - St. Bernard Parish Street Rehabilitation Program, St. Bernard Parish, Chalmette, LA. HDCA served as a subconsultant to Digital Engineering and Imaging Inc. for this DOTD Submerged Roads Program project. HDCA provided Construction Engineering and Inspection (CE&I) services for this Parish-wide, multi-street project. The construction consisted of clearing and grubbing, grading, cold planing asphaltic concrete, and pavement patching. Materials utilized included Class II Base course, Superpave asphaltic concrete overlay, Superpave asphaltic concrete pavement, and Portland Cement Concrete Pavement. Mr. Guy represented HDCA both in the field and at construction progress meetings and was heavily involved in daily CE&I activities. Construction has been completed and the project is awaiting closeout. (ongoing)

Lake Lery Marsh Creation CIAP Program Management, Department of Public Works, St. Bernard Parish, LA. HDCA served as the Parish's Construction Program Manager for this Coastal Impact Assistance Program (CIAP) - funded project in Delacroix, Louisiana. The project involved dredging and material placement for the creation of approximately 67 acres of marsh in Lake Lery adjacent to Bayou Terre aux Boeufs. As Construction Program Manager, HDCA served as the Owner's Representative during construction, responsible for oversight of the construction administration process, coordination and interface with grant and regulatory agencies, overall grants management and closeout, and construction inspection. Mr. Guy assisted with field support services and construction administration for the duration of construction of Phase I of the project which was completed in 2017. HDCA was recently awarded Phase II of this project which will include the creation of an additional 23 acres of new marsh. (Ongoing)

Task Order No. 3 - JIRR Program Assessment, Department of Public Works, City of New Orleans, LA. HDCA, as part of a Joint Venture with CSRS, Inc., provided the City of New Orleans' Public Works Department with an overall assessment of the FEMA-funded Joint Infrastructure Road Recovery (JIRR) Project. The assessment included the overall evaluation of ongoing roadway projects, department manpower, management costs, operating procedures, construction market and vendor capacity, as well as recommendations to ensure successful JIRR program compliance in accordance with federal, state and city requirements. Mr. Guy was embedded within the Department to observe day-to-day operations and develop tailored recommendations aimed at improving the efficiency of the program's delivery. (2019)

City of Central Flood Recovery, Project Management and Funding Management Program, City of Central, LA. A team of HDCA and CSRS, Inc. staff members worked together to assist the City of Central following the devastating 1,000-year flood that impacted residents in August 2016. Our team assisted the City with program management, funding decisions, and the development of processes needed to expedite the obligation of disaster relief funding. Mr. Guy provided technical assistance in conducting damage assessments and cost estimates for the program. (2019)

Delacroix Assembly Center, St. Bernard Parish, Louisiana. HDCA provided professional engineering services for the Pavilion and Dockside Improvements to the Delacroix Assembly Center in St. Bernard Parish. The project included the preliminary and final design of the bulkhead & waterfront fishing pavilion, as well as a mobile boat hoist, travel crane platform, as well as overall improvements at the site including an access road. All phases of the project were successfully bid and constructed. Mr. Guy provided construction phase services over the course of construction. (2018)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT

Name & Title:

Angie Triche
Administrative/Project Controls

Project Assignment:

Administrative/Project Controls

Name of Firm with which associated:

H. Davis Cole & Associates, LLC

Years' experience with this Firm:

13 (2008)

Education: Degree(s)/Year/Specialization:

B.S., 2013, Management, University of Phoenix

Active Registration: Year first registered/discipline:

Not Applicable

Other experience and qualifications relevant to the proposed Project:

Ms. Triche serves as a Project Control Specialist at HDCA, responsible for financial and document controls for various projects. Ms. Triche has been responsible for the accounting management of task orders for The SBSA Group, HDCA's Joint Venture company. Additionally, Ms. Triche has skillfully managed the financial reporting aspect of the firm's involvement in the program management of the FEMA-funded hurricane recovery of St. Bernard Parish since the program's inception.

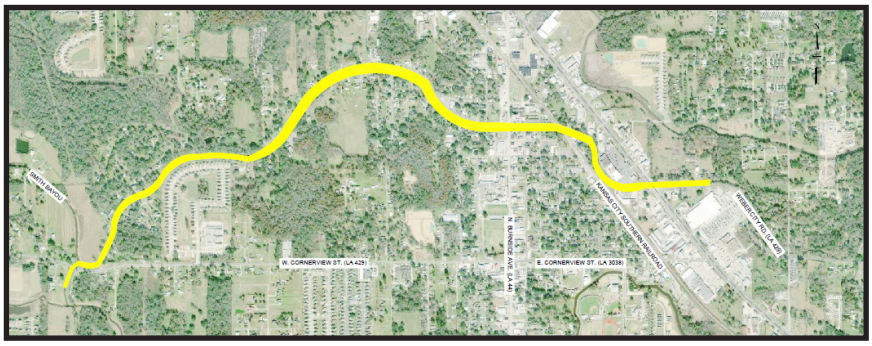
Hurricane Recovery Administrative & Program Management, St. Bernard Parish, LA. Ms. Triche is serving as document control coordinator for the management of FEMA – funded recovery projects in St. Bernard Parish, Louisiana. Ms. Triche's duties include the logging and tracking of incoming documents, distribution of documents to the appropriate Program Manager or Parish Personnel, preparation and maintenance of Project Worksheet Files to ensure that all are ready for closeout, and invoice tracking. Ms. Triche's challenging role includes the tracking and maintenance of documents for over 550 individual projects. (ongoing)

SBSA Task Orders 3, 7, 8, 9, 11, 13, 50, 64, 87, 92, 97. Ms. Triche oversaw billing and invoicing for these task orders for the U.S. Army Corps of Engineers (USACE). These "Staff Extension" Task Orders required detailed invoicing and accounting procedures, and Ms. Triche was responsible for overseeing and coordinating all invoicing activities for multiple staff extension personnel in accordance with USACE standards. (2015)

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:**
New River Canal Channel Improvements **Gonzales, Louisiana** Ascension Parish Government Department of Public Works 42077 Churchpoint Road Gonzales, LA 70737 Ron Savoy Project Manager (225) 450-1335 rsavoy@apgov.us	HDCA was retained by Ascension Parish to evaluate several flood control scenarios to determine which would be most advantageous to improve stormwater conveyance in the New River Canal. After completing this assessment and taking in to account Owner preference, HDCA determined that the option to remove an existing weir within the Canal and re-shape the existing channel would provide the most benefit. HDCA was then retained to provide design services in support of major maintenance activities on a 2.7 mile stretch of the New River Canal. The scope of the work includes grading the channel to a uniform bottom elevation, debris removal, grading the side slopes for uniformity within the existing top of the bank, implementing erosion control measures in selected locations, as well as removal of the existing weir. Removal of the weir will allow Ascension Parish to pump down New River in anticipation of storm events. Construction will remove 96,743 CY of material. The project was successfully designed and bid with construction underway. HDCA will provide construction administration and resident project representation for the duration of construction. *Role: Preliminary Design, Final Design, Bid Phase Services, Construction Phase Services* *Relevant Scope: Drainage Conveyance Improvements, Channel Shaping & Dredging, Hydrologic & Hydraulic Analysis & Study*
 *Existing Conditions of the New River*	 *Section of the New River Canal for planned improvements*

Completion Date (Actual or Estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2022(E)	$4,816,000.00	$585,000.00 (fee)

TEC Professional Services Questionnaire

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

PROJECT NO. 2

Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**
Brown Avenue Drainage Canal Improvements (Phases I & II) **Harvey, Louisiana** Jefferson Parish Department of Capital Projects 1221 Elmwood Park Blvd., Suite 906 Jefferson, LA 70123 John O'Connor, P.E. (504) 736-6833 joconnor@jeffparish.net	HDCA designed improvements to the area surrounding Brown Avenue on the West Bank of Jefferson Parish. Improvements to the area included the enclosure of the Brown Avenue Canal utilizing approximately 1, 125 linear feet of 96" reinforced concrete pipe arch as well as cold-planing segments of the existing Brown Avenue and overlaying with new asphalt. Construction of the project has been deemed substantially complete. HDCA provided construction phase services for the duration of the work. During construction of Phase I, Jefferson Parish expanded the scope of the project to include closing in the remaining 400 feet of the canal along Brown Avenue. Phase II of the project is currently under construction and nearing completion. *Role: Preliminary Design, Final Design, Bid Phase Services, and Construction Phase Services* *Relevant Scope: Drainage Conveyance Improvements, Open Channel Enclosure, Experience with Jefferson Parish*

Enclosed portion of the Brown Avenue Canal completed in Phase I of the project.

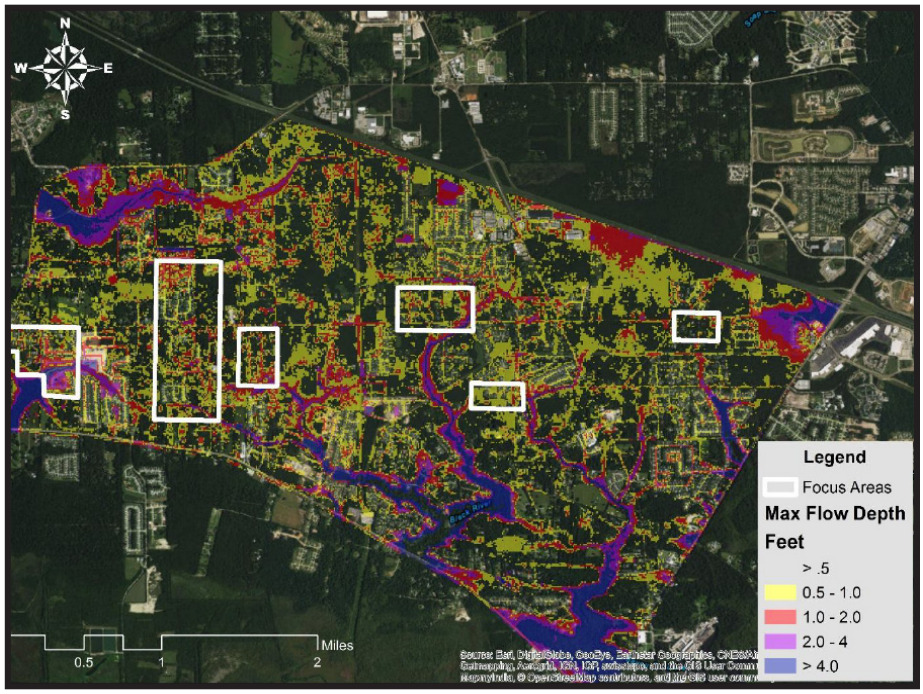
Brown Avenue Canal prior to improvements to be undertaken in Phase II.

Completion Date (Actual or Estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2022 (E)	$1,800,000.00	$131,000.00 (fee)

TEC Professional Services Questionnaire

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

PROJECT NO. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
Brewster Road Regional Drainage Study **Covington, Louisiana** St. Tammany Parish Government Department of Engineering P.O. Box 628 Covington, LA 70434 Jason Cambre, P.E. Project Engineer (985) 898-2552 jpcambre@stpgov.org	HDCA developed a comprehensive hydrologic and hydraulic model and drainage report of the Brewster Road area in western St. Tammany Parish. The model included watershed delineations and conceptual floodplain mitigation alternatives for the rapidly developing area. The computerized hydraulic model of the area was created using FLO-2D software and based upon data gathered through LIDAR, geographic information system (GIS) layers, flood insurance survey (FIS) and existing subdivision drainage plan information. HDCA developed inundation maps for various storm events and provided the Parish with recommendations for potential floodplain mitigation alternatives. HDCA also provided St. Tammany Parish with cost opinions, and conceptual level plans for the proposed solutions. Full implementation of the proposed capital program was estimated to cost up to $22,200,000.00. *Role: Engineering Assessment, Hydrologic & Hydraulic Modeling* *Relevant Scope: Drainage Conveyance Improvements, Hydrologic & Hydraulic Analysis & Study*  *25-Year Storm Model Run of Study Area in Covington, LA*

Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	NA	$366,000.00 (fee)

TEC Professional Services Questionnaire

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

PROJECT NO. 4

Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**
East Rutland Street Drainage Improvements **Covington, Louisiana** City of Covington Department of Engineering 317 North Jefferson Avenue Covington, LA 70433 Callie Baker, City Engineer 985-892-1811 cbaker@covla.com	HDCA provided engineering design services to the City of Covington for improvements to the existing roadway and subsurface drainage configuration on a block of East Rutland Street in historic downtown Covington. The project included the removal and replacement of the existing box culvert, storm drains, and catch basins that service the area and replacing them with new 24" storm pipe and trench drains. The scope also included the restoration of the existing roadway with PCCP and asphaltic overlay. HDCA also obtained a survey of the area, as well as a CCTV condition assessment of the existing box culvert on behalf of the City. *Role: Preliminary Design, Final Design, Bid Phase Services, and Construction Phase Services* *Relevant Scope: Subsurface Drainage Improvements*

Completed Improvements to E. Rutland Street in Downtown Covington

Completion Date (Actual or Estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2019	$335,000.00	$34,000.00 (fee)

TEC Professional Services Questionnaire

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

PROJECT NO. 5

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Walnut Bayou Modeling Services **Madison Parish, Louisiana** SWCA, Inc. Baton Rouge Office 1651 Lobdell Avenue, Building A Baton Rouge, LA 70806 Will Norman, Project Manager (225) 663-3830 will.norman@swca.com	H. Davis Cole & Associates, LLC prepared a digital elevation model and a two-dimensional "rain-on-grid" type HEC-RAS hydraulic model to assist in support of drainage capacity improvements within the Walnut Bayou Watershed in Madison Parish. HDCA, as a sub-consultant to SWCA, Inc., developed the model utilizing Soil Conservation Service methodologies for determination of design rainfall loading of the model. The model consisted of 100' grids and was driven by the hydraulic behavior of the Tensas River. HDCA prepared model scenarios for 2-year and 100-year rainfall events using deterministic and scenario based methodology. HDCA's completed model will be utilized throughout the project to evaluate the existing fluvial geomorphological conditions of the area, as well assess the efficacy of proposed design alternatives. *Role: Hydrologic & Hydraulic Modeling Services* *Relevant Scope: Hydrologic & Hydraulic Modeling, Hydrologic & Hydraulic Analysis, Drainage System Improvements*	
Completion Date (Actual or Estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2021	NA	$40,000.00 (fee)

PROJECT NO. 6

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
N. Hullen Drainage Improvements **Metairie, Louisiana** Jefferson Parish Department of Capital Projects 1221 Elmwood Park Blvd., Suite 906 Jefferson, LA 70123 John O'Connor, P.E. (504) 736-6833 joconnor@jeffparish.net	HDCA is providing professional design services to Jefferson Parish for the preparation of construction documents for drainage and roadway improvements on North Hullen Street. The planned improvements to the street include subsurface drainage capacity improvements between 7th Street and the West Esplanade Canal and a complete reconstruction of the aging concrete roadway. The project was recently successfully bid and is currently under construction. *Role: Preliminary Design, Final Design, Bid Phase Services, Resident Inspection Services and Construction Phase Services* *Relevant Scope: Subsurface Drainage Improvements, Experience with Jefferson Parish*	
Completion Date (Actual or Estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2022 (E)	$1,350,000.00 (E)	$185,000.00 (fee)

TEC Professional Services Questionnaire

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

PROJECT NO. 7

Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**
Bayou Segnette Drainage Pump Station **Westwego, Louisiana** Jefferson Parish Department of Capital Projects 1221 Elmwood Park Blvd., Suite 907 Jefferson, LA 70123 Ben Lepine (504) 736-6151 blepine@jeffparish.net	H. Davis Cole & Associates, LLC is currently providing engineering services for proposed improvements to the Bayou Segnette Drainage Pump Station No. 1. Improvements to the existing pump station will include construction of a catwalk system to connect the pump station building to the proposed new access bridge; demolition of the existing stationary bar racks upstream; construction of a new "Waskey" type bridge; installation of catenary type mechanical trash rack system; and required electrical and control facilities to support proposed improvements. Construction of the project is completed and operational. *Role: Preliminary Design, Final Design, Bid Phase Services, and Construction Phase Services* *Relevant Scope: Drainage Pump Station Improvements, Drainage System Improvements, Experience with Jefferson Parish*

Bayou Segnette DPS No. 1 prior to improvements.

Ongoing construction at Bayou Segnette DPS No. 1

Completion Date (Actual or Estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2021	$4,800,000.00	$294,000.00 (fee)

TEC Professional Services Questionnaire

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

PROJECT NO. 8

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
Raiford Oaks Channel Improvements **Madisonville, Louisiana** St. Tammany Parish Government Department of Engineering P.O. Box 628 Covington, LA 70434 Laura Gatlin, PMP Project Manager (985) 898-2552 lcbeach@stpgov.org	HDCA is providing professional engineering services for the proposed improvements to the "Unnamed Stream" which flows through the Raiford Oaks Subdivision in Madisonville. The purpose of the project is to improve the stormwater conveyance and increase retention in the area. The "Unnamed Stream" suffers from inconsistent profile and varying side slopes which will be improved as part of this project. HDCA will provide engineering design, bid phase, and construction services for the project, as well as environmental and permitting services. Project is in the preliminary phase of design. *Role: Preliminary Design, Final Design, Bid Phase Services, Permitting, and Construction Phase Services* *Relevant Scope: Subsurface Drainage Improvements, Drainage Conveyance Improvements*

Existing conditions of the "Unnamed Stream" in Madisonville, LA

Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	**Work for which Firm was Responsible:**
2022(E)	$530,000.00 (E)	$77,000.00

TEC Professional Services Questionnaire

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

PROJECT NO. 9

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
USACE W912P8-08-D-0062, National Levee Safety Program (Periodic Levee Inspections) Venice to St. Jude **Plaquemines Parish, Louisiana** **USACE New Orleans District** **7400 Leake Ave** **New Orleans, LA 70118** **Richard Varuso** **USACE New Orleans District** **504-862-2984** **Ken J. Dugas, P.E.** **Plaquemines Parish Government** **504-297-5343**	HDCA's Joint Venture (JV) Company, The SBSA Group, has provided levee inspection services to the New Orleans District of the U.S. Army Corps of Engineers. The 73.44 mile levee system is made up of 66.15 miles of levee and 7.29 miles of floodwalls which collectively provide flood damage reduction to a defined area. This particular task order involved a visual inspection of levees, floodwalls, pump stations, relief wells, flood control structures, and flood gates contained within levee systems as part of the National Levee Safety Program Periodic Inspections. Failure of one component within the system constitutes failure of the entire system. The levee system is inclusive of all components that are interconnected and necessary to ensure protection of the associated separable floodplain levee and floodwall sections, closure structures, pumping stations, culverts and interior drainage works. The purpose of the periodic inspections was to verify proper operation and maintenance; evaluate operational adequacy and structural stability; review design criteria to identify changes in current design standards; identify features to monitor over time; and improve the ability to communicate over the overall condition. The inspections included levee reaches on the west bank of Plaquemines Parish, and inspection of levees, floodwalls, nine large drainage pump stations and their respective barscreens and emergency generators, and the Empire Flood Gate. Deliverables for the project included a final inspection recommendation to USACE and delivery of the Official Outbrief to New Orleans District USACE personnel. *Role: Engineering Assessment, Levee & Drainage Infrastructure Inspection* *Relevant Scope: Drainage Infrastructure Assessment*

Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	**Work for which Firm was Responsible:**
2010	$985,000.00	$110,000.00 (fee)

TEC Professional Services Questionnaire

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

PROJECT NO. 10

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
Pumping Capacity Improvements at the City Barn Drainage Pump Station (Phases I-III) **Slidell, LA** City of Slidell Department of Engineering Post Office Box 828 Slidell, LA 70459 Blaine Clancy, P.E.,City Engineer 985-646-4270 bclancy@cityofslidell.org	HDCA was responsible for the design, bidding, and construction administration (including daily resident inspection) for multiple capacity improvement projects at the City of Slidell's City Barn Drainage Pumping Station. The goal of all three major projects was to increase the reliability of pumping operations to reduce the risk of flooding in Olde Town Slidell, the City's historic district. Design and construction of the project was broken into three phases due to funding constraints. In the first phase, HDCA designed a pumping capacity expansion which increased the total capacity of the pumping station from 400 CFS to 575 CFS and included a new working platform and new diesel – driven drainage pump with right angle gear drive. The project was completed in 2017 and cost $1.6 million. The second phase included the installation of a fourth mechanical bar screen cleaner device to accommodate increased flow at the station. The second phase included modifications to the station controls and station safe house to provide an on – site safe environment to monitor and control the pumping station during severe weather events. The project was completed in September of 2018 and cost $1.8 million. The third phase,included the replacement of the existing 67 CFS "low – lift" pump with a 133 CFS diesel driven pump, thus increasing the station capacity to 640 CFS. The third phase cost $1.0 million and was completed in December 2019. All phases were funded by the Federal Emergency Management Agency (FEMA) Hazard Mitigation Grant Program (HMGP). *Role: Preliminary Design, H&H Modeling Final Design, Bid Phase Services, Permitting, Resident Inspection Services and Construction Phase Services* *Relevant Scope: Hydraulic & Hydrologic Analysis & Modeling, Drainage Pump Station Improvements, Drainage System Improvements*

Completed improvements to the City Barn Drainage Pump Station in Slidell, LA

Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	**Work for which Firm was Responsible:**
2010	$4,330,000.00	$727,000.00 (fee)

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. HDCA has never been involved in litigation with Jefferson Parish.		
2.		
3.		
4.		

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

H. Davis Cole & Associates, LLC
Consulting Engineers

FIRM HISTORY

HDCA was founded in 2006 and has rapidly grown to be a leader in providing exceptional client services to meet the public works engineering and environmental needs of municipal, governmental, and private sector through performance, quality, and teamwork. HDCA was recently awarded a **Louisiana ACEC Engineering Excellence Honor Award** in 2019 for the firm's involvement in the Comprehensive Water System Replacement project undertaken for the Town of St. Joseph, Louisiana. Our highly qualified team of motivated professionals provides a variety of services that include design, engineering and analyses, field investigations, construction management, construction inspection, computer modeling, environmental documentation, permitting, and regulatory support. For ***three years in a row***, HDCA was included in the LSU 100, which recognizes the fastest growing LSU-alumni-owned businesses in the world. Each year, the award distinguishes one hundred successful entrepreneurs hailing from Louisiana State University who best embody the institution's values, character and leadership. The company is licensed in the States of Louisiana, Mississippi and Texas with professional engineers registered in all states. HDCA offices are located in Chalmette and New Orleans, Louisiana.

H. Davis Cole & Associates 15 Years in Business 2006 2021 Consulting Engineers

LSU ONE HUNDRED fastest growing tiger businesses

HDCA's staff members have a plethora of experience in Civil and Environmental Engineering, all of which is in the design and construction oversight of major infrastructure projects in an engineering consulting firm setting. The primary areas of expertise

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TEC Professional Services Questionnaire

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

for the HDCA staff is in the drainage, roadway and water & wastewater arenas. The vast majority of HDCA's workload has been in the federally funded capital repair sector, including program and project management, design, and eligibility assessment and inspection services. HDCA has also provided technical services to various industrial entities. Furthermore, HDCA was an equity partner of a joint venture corporation, The SBSA Group, Ltd., which was a Prime Contractor for a $50M USACE IDIQ contract.

EVALUATION CRITERIA

Ongoing construction to the subsurface drainage system along N. Hullen Dr. in Metairie

1. Professional training and experience in relation to the type of work required for the routine engineering services:

HDCA has worked with almost every facet of the public sector and the private industry, serving individual clients with the utmost professionalism. The personnel at HDCA possess a wide range of experience in terms of both project type and magnitude. This is evidenced in the résumés of our key personnel provided within this Questionnaire.

HDCA possesses significant in-house capabilities, including Computer Aided Design and Drafting (CADD) capabilities using AutoCAD, MicroStation and structural modeling utilizing RISA-3D software package. HDCA also possesses significant sewer and water modeling capabilities through Bentley SewerGEMS and expertise with EPANET. HDCA is committed to maintaining the latest technology available to our profession to improve our ability to stay connected and accessible to our clients. This commitment extends into the production aspects of our business by using technology to improve our work efficiency and accuracy. This commitment to technology results in significant savings to our clients in both the schedule and budget.

To supplement our in-house staff capabilities and expertise, we maintain an extensive professional network and have maintained strong personal and professional relationships with large & small specialty firms that provide supporting services such as wetlands specialists, FEMA specialists, grant managers, electrical engineering, structural engineering, geotechnical engineering, environmental engineering, land surveying, and materials testing / inspections /construction quality control services, on whom we rely as needed to assist us in special design considerations that are outside our area of expertise. These relationships allow us to provide comprehensive, turn-key, engineering services to our clients. As required, we employ capable, experienced sub-consultants on an as needed basis for specialized tasks.

HDCA personnel have successfully managed and/or participated in a variety of projects including U.S. Army Corps of Engineers (USACE) projects, FEMA Hurricane Recovery and Restoration Program Management and Engineering Design Projects, FEMA Hazard Mitigation Grant Program Planning and Engineering Design Projects, Louisiana Community Development Block Grant (LCDBG) Program Projects, and general engineering design.

City Barn Drainage Pump Station in Slidell

Subsurface drainage improvements along Idaho Ave. in Kenner

TEC Professional Services Questionnaire

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

2. Capacity for timely completion of newly assigned work, considering the factors of type of routine engineering tasks, current unfinished workload, and person or firm's available professional and support personnel.

Based on the firm's current and expected project workload and schedule, HDCA is capable of allocating the necessary resources and manpower required to support Jefferson Parish for the duration of the design and construction of any assigned sewerage project. The contract and project management philosophy of HDCA is to maintain a strong working relationship with the client to protect your interests and accomplish project goals in a cost effective, responsive, and responsible manner. These interests and goals are to produce and deliver the highest quality projects that are welcomed by all stakeholders, and are technically and environmentally sound, affordable and completed within the project schedule.

Below is a table depicting all of HDCA's active projects for Jefferson Parish:

Project Name	Stage
Price Brothers Force Main Assessments (Council Districts 1, 2, 3, & 4)	Assessment (Dormant)
Bayou Segnette DPS No. 1 Bridge & Climber Screen	Construction Completed
Avondale North Sewer Lift Station (F-10-1)	Design Phase (Dormant)
Brown Avenue Canal Improvements	Phase I: Completed Phase II: Construction Ongoing
Ehret & Broas Lift Station	FInal Design Phase
Metairie Road Smart Growth - Causeway Interchange	Design Phase
N. Hullen Street Drainage Improvements	Construction Phase Services
Harvey Revitalization Study	Study Finalization, Community Presentations
Ames Blvd. Resurfacing (Construction Administration)	Construction Completed
Cousins Blvd. Extension (sub to Digital Engineering)	Construction Phase Services Only (Not Yet Started)
Avondale Library (sub to N-Y Associates)	Final Design Phase

HDCA personnel are adept at managing multiple projects in varying phases of design and construction at any given time. This is accomplished through clear communication of goals and expectations with our clients at every phase.

3. Location of the principal office where work will be performed.

HDCA has three offices located throughout Southeast Louisiana in Chalmette and New Orleans. Our corporate headquarters is located in nearby New Orleans at 1340 Poydras St. in the Orleans Tower. This proximity will allow our project managers and design team to be on-site quickly to any project assigned. We are also readily available to attend and assist with any meetings regarding the project, regardless of whether meetings are held at the project site or at a Jefferson Parish Government location.

We're a local firm and our roots are firmly planted in the area. Our staff members will be dedicated to providing the highest level of professional services to ensure the integrity of any project assigned.

4. Adversarial legal proceedings between the Parish and the person or firm performing professional services, in which the Parish prevailed or any ongoing adversarial legal proceedings between the Parish and the person or firm performing professional services excluding those instances or cases where the person or firm was added as an independent party, or where the person or firm participated in or assisted the public entity in prosecution of its claim.

HDCA, nor any firm personnel, have ever been involved in litigation with Jefferson Parish.

TEC Professional Services Questionnaire

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

Ongoing channel shaping and improvements to the New River Canal in Ascension Parish

Rehabilitated South Florrisant Drainage Pump Station in St. Bernard Parish

5. Prior successful completion of projects of the type and nature of routine engineering services, as defined, for which firm has provided verifiable references.

Improved and rerouted roadside drainage in Tallulah, LA

Rehabilitated Lakefront Pump Station in St. Tammany Parish

Since the firm's founding in 2006, HDCA has participated in a wide variety of "wet" infrastructure projects in the civil engineering realms of drainage, water, and wastewater treatment and conveyance systems. These experiences have led to our firm developing a specialized expertise in this area. Our firm has successfully completed drainage infrastructure improvement projects from inception to modeling to construction. And our level of involvement in previous projects has included assessments, preliminary design, final design services, environmental permitting, bid phase services and construction phase services. At all phases, HDCA carefully considers the Owner's interests and operational preferences resulting in a highly customized design that will meet the needs of Jefferson Parish.

HDCA is familiar with pumping stations and conveyance system projects for wet infrastructure of all ages and size; and through this experience, our staff members have gained a thorough understanding of the nuances that accompany the physics of both large and small pumping stations. Generally, HDCA approaches the engineering design of any wet infrastructure project with a special emphasis placed on customizing the approach to suit the Owner's needs and preferences. Our design team's philosophy with any water-related infrastructure project is to incorporate sound hydraulic, mechanical, and electrical design principles along with operator preferences to design a long-lasting, easily-operated and maintained facility.

HDCA is also adept at assessing existing drainage systems and making recommendations for improvements as we've done for clients such as St. Tammany Parish and Ascension Parish. In 2018, HDCA prepared a comprehensive drainage study of a region prone to flooding in St. Tammany Parish. In addition to examining all existing data, HDCA provided St. Tammany with recommendations to improve conditions and provided hydraulic modeling of all conditions utilizing FLO-2D software.

HDCA has also been heavily involved with improving drainage conditions at the City of Slidell's City Barn Drainage Pump Station. HDCA personnel have provided professional services for numerous FEMA Hazard Mitigation Grant Program projects at Slidell's City Barn, all aimed at keeping the "Olde Town" area of Slidell dry during storm events. Projects HDCA staff members have participated in at the Slidell City Barn Drainage Pump Station have ranged from the installation of mechanical bar screen cleaners to clear debris from the waterway before reaching the pumps, to the design of diesel driven mixed flow pumps to increase the station's drainage capacity from 400 CFS to 640 CFS. HDCA has truly witnessed this project go from grant application and modeling, to permitting, design and now serving the Slidell community as a drainage asset.

HDCA staff members have also participated in a USACE project in Lafourche Parish aimed at improving protection from storm events and future hurricanes. HDCA's involvement included the evaluation of existing floodwalls, gate structures, and pumping stations to develop design alternatives to stabilize the hurricane protection system and elevate components.

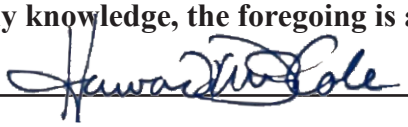
Through these broad experiences, as well as those depicted within this TEC Questionnaire, HDCA feels confident that our firm can successfully provide professional engineering services for any drainage project assigned.

TEC Professional Services Questionnaire

N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed Project.	
6. Size of firm.	HDCA is certified under the Small Entrepreneurship Program as a Hudson Initiative Certified Firm by the Louisiana Department of Economic Development. HDCA has sufficient engineering and administrative support personnel to provide comprehensive professional services to Jefferson Parish for the duration of the project. **Minimum Requirements for Selection:** **1. One principal who is a professional engineer who shall be registered as such in Louisiana.** *This requirement is met by Mr. H. Davis Cole, P.E., the principal engineer of HDCA.* **2. A professional in charge of the project who is a professional engineer who shall be registered as such in Louisiana with a minimum of five (5) years experience in the disciplines involved.** *This requirement can be met by HDCA's principal engineer, Mr. H. Davis Cole, P.E. who will serve as the professional in charge of the project. Mr. Cole has been licensed as a professional engineer in the State of Louisiana since 2002 and drainage improvement projects have played an important role in his career.* **3. One person who is a professional engineer registered as such in Louisiana in the field or fields of expertise required for the project (A sub-consultant may meet the requirement only if the advertised project involves more than one discipline).** *This requirement can be met by both of HDCA's professional civil engineers: Mr. H. Davis Cole, P.E. and Ms. Avis Gaines, P.E.. Both of whom are licensed professional engineers in the State of Louisiana and have more than a decade of experience working on drainage conveyance and stormwater pumping system projects.*
7. Past Performance by person or firm on projects of or similar comparable size, scope and scale. Assertions of fault by a person or firm, which shall include time delays, cost overruns, and or design inadequacies in prior work completed for the Parish shall be evidenced by substantiating documentation provided by the Director of Public Works for the requesting department or the Director of Engineering and received by the Chairman of the Evaluation Committee a minimum of two (2) weeks prior to the scheduled date of the Technical Evaluation Committee meeting.	HDCA is proud of our relationship with Jefferson Parish, having served Jefferson Parish on a variety of infrastructure improvement projects over the course of the firm's existence. Individual personnel members have provided engineering services to the Parish prior to joining HDCA and we're dedicated to continuing to serve the Jefferson Parish community. As such, HDCA does not have a history of design inadequacies, time delays, nor cost overruns. HDCA's long-standing relationships with governmental agencies and clients is the key to our business' success. Please feel free to contact our major governmental and private clients, which include those listed below, regarding our past performance on engineering design and project management related projects. Additional references are available upon request. • *Donny Bourgeois, Recovery Manager, 504-278-1593, St. Bernard Parish Government, Louisiana* • *Mike Noto, Deputy Chief Administrative Officer, 985-646-4330, City of Slidell, Louisiana* • *Blaine Clancy, P.E., City Engineer, 985-646-4270, City of Slidell, Louisiana* • *Donna O'Dell, P.E., PhD, Asst. Director - Capital Projects, 985-2552, St. Tammany Parish Government, Louisiana*

TEC Professional Services Questionnaire

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

Signature:  **Print Name:** H. Davis Cole, P.E.

Title: Managing Member **Date:** June 2, 2022

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 22-024 RES. NO. 1139667
ARCHITECTURAL AND ENGINEERING DESIGN SERVICES FOR THE EAT FAT CITY CENTER, A COMMUNITY CAMPUS FOR ENTREPRENEURSHIP, ART, & TECHNOLOGY

B. Firm Name & Address:

Julien Engineering and Consulting
2916 General Degaulle Drive
Suite 200
New Orleans, LA 70114

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:

Name: Kerwin E. Julien, Sr., P.E., MSCE
Title: President
E-mail: kerwin@julien-engineering.com
Phone: 504.366.3454

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.

Name: Kerwin E. Julien, Sr., P.E., MSCE
E-mail: kerwin@julien-engineering.com
Phone: 504.366.3454

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

2 Administrative	___ Estimators	___ Specification Writers
___ Architects (Licensed)	___ Geologists	2 Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	___ Graduate Engineers
2 Civil Engineers	___ Interior Designers	___ Project Managers
2 Construction Inspectors	___ Landscape Architects	___ Clerical
___ Ecologists	___ Land Surveyor	___ Grant/Funding Specialist
___ Electrical Engineers	___ Mechanical Engineers	___ Sanitary Engineers
3 Engineer Intern	___ Environmental Engineers	
___ Professional Land Surveyors		11 **TOTAL**

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

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

TEC Professional Services Questionnaire

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

1.

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:

8

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:

Kerwin E. Julien, Sr., P.E., MSCE / President

Project Assignment:

Principal-In-Charge

Name of Firm with which associated:

Julien Engineering and Consulting

Years' experience with this Firm:

27

Education: Degree(s)/Year/Specialization:

M.S. / 1992 / Civil Engineering
B.S. / 1987 / Civil Engineering
B.A. / 1987 / Physics

Active registration: Year first registered/discipline:

1992 / Civil Engineering

Other experience and qualifications relevant to the proposed Project:

Mr. Julien is the President and Owner of Julien Engineering and Consulting, Inc. He has extensive experience working on many civil and structural engineering design and management projects mainly in Louisiana, Maryland, D.C., and Virginia. He has served the engineering needs of a diverse group of governmental agencies, industrial plants, commercial establishments, private residents, and other individuals and corporations. Mr. Julien is a working principal and a registered professional engineer with active licenses in many states. With a strong career and respectful educational background, Mr. Julien is always ready and able to put his qualifications to just about any challenge that may arise.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Brian Anderson, P.E. / Project Engineer
Project Assignment:
Project Manager
Name of Firm with which associated:
Julien Engineering and Consulting
Years' experience with this Firm:
21
Education: Degree(s)/Year/Specialization:
B.S. / 1998 / Civil Engineering
Active registration: Year first registered/discipline:
2005 / Civil Engineering
Other experience and qualifications relevant to the proposed Project:
Mr. Anderson has extensive experience working on various civil/ structural projects including building structures, roadways, sanitary sewerage, stormwater drainage, and a myriad of other new and rehabilitation projects. He has developed engineering experience in design and inspection of structural and civil works, project management, analysis of existing conditions, and problem solving. He is proficient in several computer software programs that enable him to effectively manage his work. For public and private clients, Mr. Anderson has developed plans and specifications and probable cost estimates and also managed tens of millions of dollars of construction work.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
James Green, P.E. / Project Engineer
Project Assignment:
Project Manager
Name of Firm with which associated:
Julien Engineering and Consulting
Years' experience with this Firm:
13
Education: Degree(s)/Year/Specialization:
B.S. / 2004 / Civil Engineering B.A. / 2004 / Physics
Active registration: Year first registered/discipline:
2011 / Civil Engineering
Other experience and qualifications relevant to the proposed Project:
Mr. Green has experience in various areas of engineering, construction, and architecture. Mr. Green has provided civil and structural engineering design, construction management and structural inspection for several private and public works projects for many public agencies. He has been involved in extensive project management of civil infrastructure construction in the surrounding New Orleans area. Mr. Green also has experience with wastewater system design and site plan development. He also oversaw the design and construction of several school projects that included civil and structural engineering.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Arthur Malbroue, III, P.E. / Project Engineer
Project Assignment:
Project Engineer
Name of Firm with which associated:
Julien Engineering and Consulting
Years' experience with this Firm:
10
Education: Degree(s)/Year/Specialization:
B.S. / 2012 / Civil Engineering
Active registration: Year first registered/discipline:
2017 / Civil Engineering
Other experience and qualifications relevant to the proposed Project:
Mr. Malbroue has worked on various civil and structural projects including public and private building structures, roadway design, storm drainage, sanitary sewerage, and a variety of other new and rehabilitation projects. Mr. Malbroue develops plans, performs quality assurance tasks, inspections, and other construction administration tasks. He has the ability and can manage large or small projects with limited assistance or oversight from a licensed engineer. Mr. Malbroue's knowledge of computer software programs such as AutoCAD, Revit, and Microsoft Office Adobe allows him to work efficiently and effectively.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Kerwin E. Julien, Jr., E.I. / Project Engineer
Project Assignment:
Project Engineer
Name of Firm with which associated:
Julien Engineering and Consulting
Years' experience with this Firm:
12
Education: Degree(s)/Year/Specialization:
B.S. / 2010 / Civil Engineering
Active registration: Year first registered/discipline:
2017 / Civil Engineering
Other experience and qualifications relevant to the proposed Project:
Mr. Julien has worked on various civil and structural projects which include new building and building renovations. He has superior skills in AutoCAD, Revit, Tekla Structural and TEDDS. He has managed and monitored efforts of construction contractors and performed pre- and post-construction inspections as well as addressing unforeseen field conditions as they arise. Mr. Julien has experience with designing, managing, and executing small and large project with limited supervision from a licensed engineer. His experience includes site drainage, sanitary sewerage, water supply, foundations, framing, and general site development.

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:	
Name: New Orleans Museum of Art Auditorium Complex Renovations Location: New Orleans, LA Owner: City of New Orleans Chris Plattsmier - 504.566.0888	This renovation project includes remodeling an existing outdoor courtyard into an indoor museum exhibit space as well as several other upgrades to the several other museum spaces. The main features include an auditorium with a new fully integrates audio-visual system as well as a custom skylight in the historic courtyard. Julien provided civil and structural engineering design, which included demolition services, cast-in-place concrete design, as well as site paving and grading design. In addition to providing plans and specifications, Julien also performed construction administration for the duration of the project.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
NOV. 2020	$2M	$2M

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Name: Louis Armstrong New Orleans International Airport Long Term (East) Parking Garage Location: Kenner, LA Owner: New Orleans Aviation Board Kevin Spruell - 504.303.7636	This project involves construction of new 2,750 vehicle 7-story parking garage, 3,900 square feet one-story administration building, and walkway canopy connecting the main building to the east garage. The most challenging aspect of the project was the difficult in designing infrastructure with a highly compressed schedule. JULIEN performed structural engineering design and developed plans for the framing and foundation for the parking garage, administration building, walkway canopy, and civil utility's foundation support (civil site and utilities not designed by Julien). JULIEN's scope of work also included associated construction administration and inspection. JULIEN also performed overall Project Management directly for the Owner/ Developer as the Owner's Representative during construction to manage coordination of consultants and contractor.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
NOV. 2019	$63M	$40M

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility**	
Name: SUNO Arts, Humanities, and Social Sciences Building **Location: New Orleans, LA** **Owner: Southern University at New Orleans** **Marilyn Manuel - 504.286.5440**	**This project involved design and construction of a 3 story - 71,000 square feet Arts, Humanities and Social Science Building on the Lake Front campus of Southern University in New Orleans, LA. The building contains science laboratories, classrooms, a business center, offices, a museum and a 900-seat auditorium. The building's framing consists of steel and concrete beams, steel and concrete columns with steel reinforced concrete slab on deck floor and roof. JULIEN provided structural engineering design, plans and specifications as well as construction administration.**	
Completion Date (Actual or estimated)	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
AUG. 2018	**$30M**	**$8M**

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Name: Superdome Capital Improvements **Location: New Orleans, LA** **Owner: State of Louisiana** **Brad McWhirter - 504.533.9033**	**This project is a multi-phase, multi-year renovation project to the Mercedes-Benz Superdome in New Orleans, Louisiana that will improve guest experience with modernized amenities, while maintaining the building's architectural characteristics. Some of the upgrades include expanded concourses, new entry gates, escalators, and food commissary area to name a few. Julien provided the structural design, analysis, development of plans and specifications, as well as construction administration.**	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2025	**$450M**	**$100M**

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Name: Fifth District Police Station **Location: New Orleans, LA** **Owner: City of New Orleans** **Sam Bavido - 504.522.6525**	**The project involves replacing the existing police station complex that was severely damaged due to Hurricane Katrina. Specifically, the project involved demolishing existing buildings and site infrastructure, and constructing a new building with associated site paving, and utilities. The building consists of a two-story steel and concrete framed structure. Associated stormwater drainage, sanitary sewerage, and water supply utilities were also included. Julien Engineering performed civil and structural engineering design as well as construction administration.**	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
NOV. 2014	**$5M**	**$2M**

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Name: Xavier University West Campus Development **Location: New Orleans, LA** **Owner: Xavier University of New Orleans** **Marion Bracy - 504.520.7507**	**This project involved eight different parking lots phased into four subprojects. The university acquired several parcels of previously developed property and demolished housing and structures that occupied the site. The goal was to increase available parking which has been a consistent problem for this campus which is located in an urban setting. The project faced many challenges, the largest of which was the lack of available public stormwater drainage infrastructure. This meant that it was not only Julien's task to design on-site facilities but to also evaluate and design improvements to public infrastructure to points downstream that were capable of handling runoff from the newly developed sites. Pervious concrete paving was used in several areas to maximize infiltration and mitigate runoff. The project also included several steel framed carport structures to support solar panels for supply of power to parking lot lighting.**	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
AUG. 2018	**$12M**	**$4M**

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Name: Nora Navra Public Library **Location: New Orleans, LA** **Owner: City of New Orleans** **James Legeai - 504.412.2000**	**The project scope involved design of a new 7,800 square foot state-of-the-art library. This library branch features age-specific reading areas, computer and technology workstations, and a flexible space programmed for neighborhood meeting and library functions. JULIEN provided civil and structural engineering design, developed plans and specifications, and performed construction administration. This project design earned an AIA New Orleans Architecture Award.**	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
MAY 2018	**$5M**	**$1.2M**

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Name: Charity Hospital Redevelopment **Location: New Orleans,LA** **Owner: 1532 Tulane Partners** **Ron Spooner - 504.865.0651**	**This renovation project involves the redevelopment of the one-million square foot former Charity Hospital Building, which was built in 1938. The refurbished building will serve as a mixed-use facility that will have offices, retail and public space, as well as residential units. Julien Engineering is providing civil and structural engineering design, plans & specifications, and construction administration services. For civil, Julien's role was to provide design for the modified parking lot, water, sewer, and drainage utilities, stormwater management, pavement surfaces, and other miscellaneous site elements. Structural work included various site demolition, and modification to existing framework and slab areas, as well as installation of new framing where necessary.**	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2025	**$300M**	**$25M**

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Name: Louis Armstrong New Orleans International Airport Short Term (North) Parking Garage **Location: Kenner, LA** **Owner: New Orleans Aviation Board** **Kevin Spruell - 504.303.7636**	**This structure was part of the main project that involved development of the new airport terminal. It involved construction of new 2,190 vehicle 5-story parking garage that directly connects to the main building from the North. JULIEN performed structural engineering design and developed plans for the framing and foundation for the parking garage and civil utility's foundation support (civil site and utilities not designed by Julien). JULIEN's scope of work also included associated construction administration and inspection. JULIEN also performed overall Project Management directly for the Owner/Developer as the Owner's Representative during construction to manage coordination of consultants and contractor.**	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
APR. 2019	**$1.3B (Overall)** **$55M (Garage)**	**$150M (Overall)** **$35M (Garage)**

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Name: Delgado City Park - Nursing & Allied Health Building **Location: New Orleans, LA** **Owner: Delgado Community College** **Kirk Oldenberg - 504.412.2000**	**This project involves construction of a new 80,000 square foot, multi-level facility and associated amenities located at Delgado's City Park campus. The new building will provide next-generation facilities and technology for future nurses and allied health professionals, including traditional lecture classrooms, advanced labs simulating real-world healthcare delivery settings, and a virtual hospital floor. JULIEN provided civil and structural engineering, developed plans and specifications, as well as construction administration. Responsible design elements included foundations, framing, paving, stormwater drainage, sanitary sewerage, water supply, and general sitework.**	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2023	**$40M**	**$8M**

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.

Established in 1995, Julien Engineering and Consulting, Inc (JEC) is a professional engineering firm specializing in civil & structural engineering and construction administration & inspection. We assist clients in an expedient manner and provide accurate cost effective solutions for projects requiring civil and structural engineering. Our project interests are maintained in buildings, transportation features, roadways, storm sewer, drainage, sewerage, water supply, structures, site development, foundations, and other areas related to infrastructure development and improvement. JEC is a minority-owned, small business firm which is DBE certified by State of Louisiana, LADOTD, City of Orleans, Orleans Parish School Board, Louis Armstrong New Orleans International Airport, the Sewerage & Water Board of New Orleans, Orleans Levee District, and the Small Business Administration (SBA - HUB Zone) and is CCR registered. We have the supporting facilities including advanced technology, and supplementary equipment required to complete any engineering task in a timely manner. Registered engineers supervise all engineering work. JEC provides design, analysis, construction administration, resident inspection, and development of plans, specifications, reports, and assessments.

The professional staff at JEC has direct experience on civil/structural projects involving work on *public buildings and infrastructure.* As demonstrated through our vast experience with past clients, we have the professional qualifications, education and experience required to perform the necessary work above the expected level. JEC professionals have managed projects from conception to successful completion providing leadership to dynamic teams of owners, contractors, public agencies, private institutions, and the public.

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

Signature: _____ **Print Name:** Kerwin E. Julien, Sr.

Title: President **Date:** 06/02/2022

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ NO. 22-024 Architectural and Engineering Design Services for the EAT Fat City Center

B. Firm Name & Address:

Salas O'Brien - New Orleans
1582 Magazine St.
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:

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.

David Bonaventure, PE, CEM, Principal
E I david.bonaventure@salasobrien.com
P I 225.372.6961

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

3 Administrative	___ Estimators	___ Specification Writers
___ Architects (Licensed)	___ Geologists	___ Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	___ Graduate Engineers
___ Civil Engineers	___ Interior Designers	4 Project Managers
1 Construction Inspectors	___ Landscape Architects	___ Clerical
___ Ecologists	___ Land Surveyor	___ Grant/Funding Specialist
6 Electrical Engineers	5 Mechanical Engineers	___ Sanitary Engineers
2 Engineer Intern	___ Environmental Engineers	
___ Professional Land Surveyors		27 **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.		
2.		
3.		

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

_____

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

David Bonaventure, PE, CEM, Principal

Project Assignment:

Principal in Charge
SOQ NO. 22-024 Architectural and Engineering Design Services for the EAT Fat City Center

Name of Firm with which associated:

Salas O'Brien

Years' experience with this Firm:

22 Years

Education: Degree(s)/Year/Specialization:

Louisiana State University, Bachelor of Science, 1999, Mechanical Engineering
University of Houston, Masters of Business Administration, 2003

Active registration: Year first registered/discipline:

Professional Engineer LA #0031064/2004/Mechanical

Other experience and qualifications relevant to the proposed Project:

Mr. Bonaventure joined Salas O'Brien in January 2000 as an Assistant Project Manager and Lead Mechanical Designer. He currently serves as the Principal In Charge of the New Orleans and Baton Rouge offices. Mr. Bonaventure is responsible for all projects at this location in addition to the mechanical design and specifications of projects for our production team. Mr. Bonaventure is a professional mechanical engineer with experience in management, design, and specifications of both large and small projects. David is ardent about his project's aesthetics and energy use. Because the visual aspects are so important to him, his projects are able to advance the clients' designs. Therefore, several his projects have gone on to win many architectural awards. He also went through the grueling task of becoming a Certified Energy Manager to further assist our clients in making the best energy decisions possible.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Greg Talmage, Mechanical Engineer
Project Assignment:
Project Manager SOQ NO. 22-024 Architectural and Engineering Design Services for the EAT Fat City Center
Name of Firm with which associated:
Salas O'Brien
Years' experience with this Firm:
3 Years
Education: Degree(s)/Year/Specialization:
Bachelor of Science, Mechanical Engineering, Louisiana State University
Active registration: Year first registered/discipline:
Other experience and qualifications relevant to the proposed Project:
Mr. Talmage joined Salas O'Brien in June 2019 as a graduate mechanical engineer. In his short time with Salas O'Brien, Mr. Talmage has not only demonstrated a thirst for overall project knowledge by cross training across Mechanical, Electrical and Plumbing divisions, but has also opened a satellite office for Salas O'Brien in Covington, Louisiana. He has designed and managed a variety of projects from commercial, retail, hospitality/food & beverage, government, educational, religious as well as medical.

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:	
Redmellon Canal Street Development New Orleans, LA Trapolin Peer Architects Ashley King 504.523.2772 aking@trapolinpeer.com	Salas O'Brien is providing MEP consulting engineering for the renovation of existing buildings into short term rental hotel. The project is located at 1000-1015 Canal Street and 934 Canal Street in New Orleans, LA. Two sets of buildings will be renovated that combine 81,973sf. These will consist of office spaces being converted into hotel type programs. The electrical systems will consist of the lighting system, electrical distribution system and location of all electrical devices. The electronic safety and security systems consists of performance specification to install a fire detection and alarm system. The access control system including device locations, cabling and specifying equipment.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2021	Fee: $150,000	Mechanical, Electrical and Plumbing Design

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Perkins Rowe Town Center Baton Rouge, LA Trademark Property Company Kimberly Sykora KSykora@trademarkproperty.com	Salas O'Brien was brought on board to provide engineering for the space that would become Baton Rouge's grandest mixed-use urban village. The project faced tight budgets and timelines, and it required both attentive management and proactive communication from our team. Our team provided mechanical, electrical, and plumbing consulting design services for Perkins Rowe's 375,000 square feet of upscale shopping space, over 225 residential units, and 135,000 square feet of Class A office space. Once completed, Perkins Rowe blends shopping, dining, entertainment, office, residential, and grocery in a pedestrian-friendly environment that features public green space, beautiful courtyards, and historic Louisiana oaks which line the streets of this walk-able neighborhood.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
Ongoing	$150,000,000	Mechanical, Electrical and Plumbing Engineering Design

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility**	
GSA Wisdom Hall New Orleans, LA Gensler Jacqueline Johnson 214.273.1500 jacqueline_johnson@gensler.com	Salas O'Brien is currently working on the GSA Wisdom Hall Building in New Orleans. The project includes establishing the potential sources for water intrusion and developing a forensic engineering plan to address them; providing professional consulting services for the preparation of a Feasibility Study (FS} for a prospective capital improvement project located at the John Minor Wisdom US Court of Appeals Building; and completing engineering design services for renovations of rooms 102, 106, 116, and 131 on the 1st Floor. This project will accomplish the build out of space needed to support the expansion of private offices for the 5th Circuit's Automation Department and Circuit Library, the construction of a training room, VCT conference room, and renovations to the Circuit Library's staff restrooms.	
Completion Date (Actual or estimated)	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
Ongoing	$1,3000,000	Mechanical, Electrical and Plumbing Engineering Design

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Audubon Zoo Capital one Pavilion New Orleans, LA Eskew Dumez Ripple Architects Mike Johnson 504.561.5686 mjohnson@eskewdumezripple.com	The Capital One Field and Stage (or Audubon Zoo Pavilion) is located at Audubon Zoo in New Orleans adjacent to the Audubon Tea Room. Salas O'Brien worked as a subconsultant for Eskew Dumez Ripple Architects and the Audubon Nature Institute on electrical conceptual plans for improvements to the pavilion and surrounding area.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2021	$318,933.61	Electrical Engineering

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Alliance Safety Council Gonzales Training Center Gonzales, LA RHH Architects, APAC 225.383.0002	Salas O'Brien designed the mechanical, electrical, and plumbing systems for the council's 11,150-square-foot training center. Our work seamlessly integrated with the building's sleek architectural design and accommodated its multipurpose training spaces, computer lab, and classrooms.	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2014	$1.2 million	Mechanical and Electrical Engineering

PROJECT NO. 6		
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		
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:** David Bonaventure

Title: Principal **Date:** 06/02/2022

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Architectural and Engineering Design Services for the EAT Fat City Center, a Community Campus for Entrepreneurship, Art, & Technology
Resolution No. 139667

B. Firm Name & Address:

Patch Landscape Architecture
735 N 8th Street
Baton Rouge, LA 70802

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:

Patrick Michaels, Partner
patrick@thepatchstudio.com
225-281-4569

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.

Patrick Michaels, Partner
patrick@thepatchstudio.com
225-281-4569
License: Landscape Architect
License No.: 0649

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

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

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

1

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:

Patrick Michaels, ASLA, PMP, LEED AP, NGICP

Project Assignment:

Principal in Charge/Project Manager

Name of Firm with which associated:

Patch Landscape Architecture

Years' experience with this Firm:

7

Education: Degree(s)/Year/Specialization:

Master of Landscape Architecture (MLA)/2008

Active registration: Year first registered/discipline:

2022 Landscape Architect

Other experience and qualifications relevant to the proposed Project:

Patrick Michaels is a Principal at Patch LA, a Louisiana based landscape architecture and community engagement professional services firm. He is a Registered Landscape Architect in Louisiana, a Certified Project Management Professional, a Certified Green Infrastructure Practitioner, and a LEED Accredited Professional. Patrick holds a Master's Degree in Landscape Architecture from Louisiana State University, and the Credential of Readiness from Harvard Business School. Patrick has worked in design offices in Washington DC and New Orleans and completed Fellowships at both LA Sea Grant and the LSU Coastal Sustainability Studio, where he worked to develop the award-winning Louisiana Resiliency Assistance Program to integrate hazard resilience and land use in Louisiana communities. Patrick is the green technology lead at LaunchBR, an initiative to prepare landscape contractors for emerging opportunities in green infrastructure. Patrick brings a broad range of professional experience in construction communications, urban design, planning, and landscape architecture primarily across the sectors of heavy civil infrastructure, housing, transportation, and education. In addition, he is serves as a Commissioner for the Baton Rouge Downtown Development District.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Charlotte Aaron, MLA
Project Assignment:
Project Landscape Architect
Name of Firm with which associated:
Patch Landscape Architecture
Years' experience with this Firm:
5
Education: Degree(s)/Year/Specialization:
Master of Landscape Architecture (MLA), 2008 Louisiana State University
Active registration: Year first registered/discipline:
2022 Licensed Horticulturist, Louisiana
Other experience and qualifications relevant to the proposed Project:
Charlotte Aaron is a Principal at Patch. She is a licensed horticulturist in Louisiana and a certified Master Gardener through the LSU Ag-Center. Charlotte holds a graduate degree in Landscape Architecture from Louisiana State University. A lifelong naturalist and accomplished artist, Charlotte brings extensive knowledge of plant material, horticultural best practices, natural systems, and creativity to her design work and has worked with influential and nationally known landscape designers throughout her career. Her work strives to tailor plantings and hardscape to the client's needs as well as the larger natural and cultural context. Charlotte is the Design Director of the firm.

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:	
Baker High School Redevelopment Baker, Louisiana Owner: Baker School District Prime Consultant: Manning Architects Principal in Charge: Dominic Willard 504-412-2000 dwillard@manningarchitects.com	Renovation and new construction of High School flooded in 2016. Stormwater management; landscape design; outdoor circulation and courtyards; streetscape Firm's Responsibility: Landscape Architect	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2024 (estimated)	$15m	$600,000

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Nora Navra Library New Orleans, Louisiana Owner: New Orleans Public Library System Prime Consultant: Manning Architects Principal in Charge: Dominic Willard 504-412-2000 dwillard@manningarchitects.com	New construction of a historic public library damaged during Hurricane Katrina Firm's responsibility: Landscape Architect	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
9/2018	$5m	$200,000

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility**	
North Wastewater Treatment Plant Landscape Buffer Baton Rouge, Louisiana Owner: Adam Smith, P.E. Asst. Director, Dept. of Env. Services City of Baton Rouge/Parish of East Baton Rouge 225-389-4865 rspeer@brla.gov	14 Acre Landscape Buffer between neighborhood and treatment plan. Over 1200 trees planted; 6 acres of native prairie meadow; stormwater management; air quality Firm's responsibility: Project management, construction management, owner's representative	
Completion Date (Actual or estimated)	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
12/2019	$1.15m	$1.15m

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Ochsner Center for Nursing and Allied Health at Delgado Community College New Orleans, Louisiana Owner: Delgado Community College Prime Consultant: Manning Architects Principal in Charge: Dominic Willard 504-412-2000 dwillard@manningarchitects.com	Landscape design and tree preservation of historic Live Oak trees at the Delgado community college campus Firm's responsibility: Landscape Architect	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
12/2022 (estimated)	$12m	$300,000

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
LaunchBR Green Technology Business Academy Baton Rouge, Louisiana Owner: MetroMorphosis Tyra L. Banks, MPA Innovation & Partnership Catalyst (C): 225.205.5400 tyra@metromorphosis.net	Description: 14 week course to prepare minority owned, small businesses for growth in green infrastructure related construction through in class instruction and field training Firm's responsibility: Green infrastructure technical expert and course facilitator for 3 cohorts	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
6/2021	N/A	$15,000

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Build Baton Rouge Mixed-Use Development Baton Rouge, Louisiana Owner: Build Baton Rouge Prime Consultant: Manning Architects Principal in Charge: Conway Cristina, AIA 504-412-2000 dwillard@manningarchitects.com	Description: Design of a transformative mixed-use development campus in North Baton Rouge. The design includes streetscape, courtyard, parking lot, and green infrastructure. Firm's responsibility: Landscape Architect	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2024 (estimated)	$10m	$400,000

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Baton Rouge Department of Environmental Services Capital Program Support Baton Rouge, Louisiana Owner: Department of Environmental Services (DES), City of Baton Rouge Prime Consultant: Jacobs Engineering Principal in Charge: Joseph Young, PE 225-405-0496 Joseph.young@jacobs.com	Capital improvements of the wastewater collection and treatment system in East Baton Rouge Parish Firm's responsibility: Project manager, owner's representative; public education and outreach; landscape architect	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2019 – ongoing	N/A	Approx. $125K/year

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
King's Children Community Center Rain Garden Baton Rouge, Louisiana Owner: Reverend Joseph 225-268-0999	Rain garden design and construction Firm's responsibility: Landscape Architect; Construction supervisor	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
3/2019	$20,000	Pro Bono Estimated: $3,000

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Lofts @ Khalil Infill Multifamily Development Baton Rouge, LA Owner: Bradly J. Brown KMT Holdings and Development bbrown@kmthd.com	Landscape design for a multifamily infill development in North Baton Rouge Firm's responsibility: Landscape Architect	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
2021	$2m	$100,000

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	**Nature of Firm's Responsibility:**	
Baton Rouge Stormwater Program Management Baton Rouge, Louisiana Owner: Department of Environmental Services (DES), City of Baton Rouge Prime Consultant: Jacobs Engineering Principal in Charge: Joseph Young, PE 225-405-0496 Joseph.young@jacobs.com	Program management to guide the City-Parish through a consent decree related to their stormwater discharge permit (MS4) Firm's responsibility: Green Infrastructure and Low Impact Development lead; stakeholder engagement and public education	
Completion Date (Actual or estimated):	**Estimated Cost:**	
	Entire Project:	**Work for which Firm was Responsible:**
Ongoing (June 2022 - ongoing)	$40m/year	$150K/year (estimated)

TEC Professional Services Questionnaire

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

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

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

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

Signature: Patrick Michaels Digitally signed by Patrick Michaels Date: 2022.06.02 12:34:30 -05'00' **Print Name:** Patrick Michaels

Title: Partner **Date:** 6/2/2022