

## **Technical Evaluation Committee (TEC) Questionnaire**

### **Instructions**

- The Technical Evaluation Committee (TEC) Questionnaire shall be used for professional services related to architecture, engineering, or survey projects.
- **The TEC Questionnaire should be completely filled out. Complete and attach ALL sections. Insert “N/A” or “None” if a section does not apply or if there is no information to provide.**
- Questionnaire must be dated and signed by an authorized representative of the Firm. Failure to sign the questionnaire shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- All subcontractors must be listed in the appropriate section of the Questionnaire. Each subcontractor must provide a complete copy of the TEC Questionnaire, applicable licenses, and any other information required by the advertisement. Failure to provide the subcontractors' complete questionnaire(s), applicable licenses, and any other information required by the advertisement shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- If additional pages are needed, attach them to the questionnaire and include all applicable information that is required by the questionnaire.

## TEC Professional Services Questionnaire

**A. Project Name and Advertisement Resolution Number:**

Supplemental List to provide routine engineering services for Drainage Projects in Jefferson Parish.

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

Schrenk Endom & Flanagan, LLC Consulting Engineers  
4227 Bienville Street  
New Orleans, LA 70119

**C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:**

Ryan M. Flanagan, P.E., Member  
4227 Bienville Street  
New Orleans, LA 70119  
P: 504-482-7856

**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.**

Ryan M. Flanagan, P.E., Member  
4227 Bienville Street  
New Orleans, LA 70119  
P: 504-482-7856

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

<u>6-CAD</u> Administrative	<u>      </u> Estimators	<u>2</u> Specification Writers
<u>      </u> Architects (Licensed)	<u>      </u> Geologists	<u>5</u> Structural Engineers
<u>      </u> Chemical Engineers	<u>      </u> Geotechnical Engineers	<u>      </u> Graduate Engineers
<u>3</u> Civil Engineers	<u>      </u> Interior Designers	<u>      </u> Project Managers
<u>      </u> Construction Inspectors	<u>      </u> Landscape Architects	<u>1</u> Clerical
<u>      </u> Ecologists	<u>      </u> Land Surveyor	<u>      </u> Grant/Funding Specialist
<u>      </u> Electrical Engineers	<u>      </u> Mechanical Engineers	<u>      </u> Sanitary Engineers
<u>      </u> Engineer Intern	<u>      </u> Environmental Engineers	
<u>      </u> Professional Land Surveyors		<u>17</u> <b>TOTAL</b>

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

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

## TEC Professional Services Questionnaire

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

1.  
N/A

2.

**H. Has this JOINT-VENTURE previously worked together? Please check:**  
YES ☐ NO ☐

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

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

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

15 \_\_\_\_\_



## 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:**

Ryan M. Flanagan, P.E., Principal  
(see attached resume)

**Project Assignment:**

Civil/Structural Engineer

**Name of Firm with which associated:**

Schrenk Endom & Flanagan, LLC

**Years' experience with this Firm:**

16

**Education: Degree(s)/Year/Specialization:**

Bachelor of Science, Louisiana State University  
Baton Rouge, Louisiana, Degree in Civil Engineering 1993-1997


Graduate courses in Pre-Stressed Concrete Design and Wave Design at Tulane University and University of New Orleans.

**Active registration: Year first registered/discipline:**

Registered Civil Engineer: Louisiana License #30577 (2003).

**Other experience and qualifications relevant to the proposed Project:**

Jefferson Parish Drainage Capital Improvements Cleveland and Flower Drive  
Ochsner North Shore Medical Clinic for Ochsner Foundation Hospital  
Westbank Water Treatment Plant  
SLVHCS Replacement Medical Center (VA Hospital)  
Ochsner Parking Garage  
Lafitte Treme Housing Development  
Iberville Housing Development  
Napoleon Avenue Covered Canal

NAME, ROLE & LOCATION		FIRM NAME
<b>RYAN FLANAGAN, PE</b> Principal / Project Manager New Orleans, LA		
YEARS EXPERIENCE	EDUCATION	ACTIVE REGISTRATIONS
22	BS, Civil Engineering	Professional Engineer – LA

#### Experience and Qualifications

Ryan Flanagan has over twenty-two years' experience in civil and structural engineering. His expertise includes project management, scheduling, budgeting, design, construction administration, cost estimating, and business development. Comprehensive general civil experience involving infrastructure development including site planning, grading, subsurface drainage system design, storm water management, roadway designs (both concrete and asphalt), water and sewer system designs, and construction administration of various municipal, state, and private projects.

**Napoleon Avenue Covered Canal Phase III, New Orleans, Louisiana.** \$38 million dollar project; Design of approximately 3300 linear feet of pile supported reinforced concrete 18' wide x 10' high and 14' wide x 8' high box culverts, sewer, water, and drainage relocations and rehabilitation, roadway reconstruction and rehabilitation, traffic routing and construction phasing, and cost estimation.

**Berkley - Somerset Street Reconstruction, New Orleans, Louisiana.** \$6 Million dollar project; Design of street reconstruction, sewer, water and box culverts for drainage relocations, traffic routing and construction phasing, along with sidewalk design and replacement of driveways and concrete roadway.

**Canal Street Improvements, New Orleans, Louisiana.** \$12 million dollar project; project engineer for the design of drainage improvements of Canal Street from the Mississippi River to Claiborne Avenue, which included the placement of new drain lines, trench drain system, utility relocation, and construction management on both sides of Canal Street.

**Lafitte Treme Housing Development, New Orleans, Louisiana.** \$15 Million dollar project; design, construction Administration - Design of utility systems /infrastructure, reconstruction and rehabilitation of existing roadways and new roadways for the reconstruction of 30 acres HANO housing development. SEF Engineers completed the design which included over 500 "for sale" and rental units, and placement of all building structures, coordination of utility connections, roadways, parking lots, playgrounds, sidewalks, site lighting and landscaping.

**West Bank Water Treatment Plant, Marrero, Louisiana.** \$18 million dollar project; includes civil and structural engineer for the design of the consolidated expansion of the Marrero West bank Water Treatment Plant for the Jefferson Parish Dept. of Sewerage.

**Gauthier Elementary School, St. Bernard Parish, Louisiana.** \$22 Million dollar Structural & Civil project; includes civil design of parking structure and other drainage facilities to drain storm runoff to the municipal system. Developed specifications for an onsite, buried sewage purification tank with specified dimensions and capacity requirements for the installation of the tank so instead of contributing sewage to the overtaxed municipal system, the sewage is treated onsite and off-let into sanitary storm drainage systems.


**Tulane University – Doris Hall, New Orleans, Louisiana.** \$18 Million dollar project; a new residence hall required to bring building elevation up one foot above the highest recorded floodwater level. SEF utilized the existing foundation and supports and added a layer of concrete on top to achieve the desired elevation. To achieve a light load on the foundation, SEF resolved to construct the majority of the building with steel frames enforced with masonry, but used poured-in-place, post-tension concrete shear-walls around stairs and elevators.

**Jefferson Parish Drainage Capital Improvements, Cleveland and Flower Drive, Jefferson, Louisiana.** \$2 million dollar project; includes installation of approximately 2500 linear ft. of sub-surface drainage and respective street reconstruction. Also, Hydraulic design of 40 acre drainage sub-basin sub-surface drainage and roadway design, construction administration and resident inspection.



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>	
<b>Name &amp; Title:</b>	
John S. Endom, P.E., Principal (see attached resume)	
<b>Project Assignment:</b>	
Structural Engineer	
<b>Name of Firm with which associated:</b>	
Schrenk Endom & Flanagan, LLC	
<b>Years' experience with this Firm:</b>	
26	
<b>Education: Degree(s)/Year/Specialization:</b>	
Bachelor of Science, University of Mississippi Civil Engineering, 1994.  Structural Engineering Graduate Studies (University of New Orleans).	
<b>Active registration: Year first registered/discipline:</b>	
Registered Civil Engineer: Louisiana, CE 28245 (1999). Registered Civil Engineer: Mississippi, CE 28620 (2018).	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
Jefferson Parish Sheriff's Office District 1 Station East Jefferson General Hospital Expansion East Jefferson General Hospital Hybrid O.R. East Jefferson General Hospital Wellness Center East Jefferson General Hospital Ochsner Hospital Expansion	

NAME, ROLE & LOCATION		FIRM NAME
JOHN ENDOM, PE Principal / Project Manager New Orleans, LA		 <b>CONSULTING ENGINEERS</b>
YEARS EXPERIENCE	EDUCATION	ACTIVE REGISTRATIONS
26	BS, Civil Engineering	Professional Engineer – LA

#### Experience and Qualifications

John Endom, P.E., has over twenty-six years of experience in the design of structural engineering projects. These projects include design of concrete (conventionally reinforced and post-tensioned), structural steel, wood and masonry buildings, and other structures. Mr. Endom is proficient in the use of StaadPro, ADAPT-PT, Descon, DECON, Excel, and Microsoft Word computer software. He has completed several graduate level structural engineering courses at the University of New Orleans including Advanced Steel Design, Prestressed Concrete Design, and Advanced Concrete Design.

**Tulane University River and Coastal Center - New Orleans, Louisiana.** \$3.5-Million-dollar project. Structural Engineer for the Tulane University River and Coastal Center building, which is a one-story research center located within the previously demolished portion of the Robin St. Wharf on the east bank of the Mississippi River in New Orleans, adjacent to the headquarters building of the Port of New Orleans. The foundation consists of treated timber piles and reinforced concrete grade beams. The elevated first floor and roof superstructure is a mix of structural steel and cold-formed steel framing with load-bearing cold-formed steel walls. Construction was completed in 2016.

**Southern University of New Orleans Natural Sciences Building – New Orleans, Louisiana.** \$27-Million-dollar project. This project was part of a campus modernization program and included the four-story reinforced concrete Natural Science Building. The four-story building included laboratories, classrooms, and office space. The foundation consists of auger cast concrete piles, and pile supported slabs.

**LSU Health Sciences Center Clinical Sciences Building - New Orleans, Louisiana.** \$35 Million-dollar project. Design of post-tensioned concrete frame and pile supported foundation.

**Delgado Maritime Training Facility - New Orleans, Louisiana.** \$7 Million-dollar project. As the primary Structural Engineer of Record, SEF designed of a state-of-the-art building used to train hundreds of workers from around the world in a range of areas, including marine and industrial firefighting, marine radar and emergency preparedness. The new 18,750-square-foot facility includes classrooms, offices, a lounge area and three simulation rooms designed to look and feel like a ship's bridge.

**Sophie B. Wright School & Gymnasium - New Orleans, Louisiana.** \$25-Million-dollar project. SEF designed segmented pipe pile foundations, steel braced frames, and roof trusses for installation in the existing masonry and wood load-bearing structure. SEF also designed an auger-cast pile foundation for a concrete and steel superstructure at the new gymnasium addition.

**Gauthier Elementary School - Chalmette, Louisiana.** \$22-Million-dollar project. SEF designed an augercast pile foundation system and a structural steel superstructure, the engineers added fill to increase site elevation to prevent possible flooding of the structure. Cold-formed steel was used to keep the building structurally sound and cold formed steel trusses were used to support the low sloping roof.

**St. Bernard Cultural Arts Center - Chalmette, Louisiana.** \$26-Million-dollar project. SEF designed a treated timber pile foundation with EPS fill replacement and a combination concrete-structural steel superstructure. The concrete framing also served to build the stair-step structure of the stadium-seating theatres efficiently.

**Ernest N. Morial N. O. Convention Center Phase III Expansion Foundation - New Orleans, Louisiana.** \$18-Million-dollar project. This project involved designing a pile supported foundation and first floor slab system design, as well as coordination with the project Architect during design and construction.




**Veterans Administration Hospital - New Orleans, Louisiana.** \$30-Million-dollar project. Structural Engineer of Record for non-building, pile supported infrastructure including roads, walls, and sensitive landscape features. Construction was substantially completed in 2016.

**East Jefferson Levee District Job Description – Metairie, Louisiana.** The East Jefferson Levee District facility was the site of 5 new buildings. Most of the construction was for be for a new 2-story concrete moment frame building supported on an auger cast pile foundation. Two metal buildings were constructed for sand bag storage and a maintenance shop. These buildings are supported on a slab, grade beams, and pile caps with 60'-0" timber piles. The East Jefferson Levee District facility site was the development of 16 acres with site utilities including sanitary sewerage, water, and storm drainage. A new access road to the levee will be designed as well as concrete paving and sidewalks.



### TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Christopher M. Jenkins, P.E. (see attached resume)
<b>Project Assignment:</b>
Civil Engineer
<b>Name of Firm with which associated:</b>
Schrenk Endom & Flanagan, LLC
<b>Years' experience with this Firm:</b>
12
<b>Education: Degree(s)/Year/Specialization:</b>
B.S., Civil Engineering, University of North Dakota, December 1998
<b>Active registration: Year first registered/discipline:</b>
Louisiana P.E. #35259 (2010).
<b>Other experience and qualifications relevant to the proposed Project:</b>
Veterans Administration Hospital Tulane University – Doris Hall Tulane University – Newcomb Circle Chalmette High School Renovations Marlyville – Fontainebleau Roadway Repair Iberville Redevelopment

NAME, ROLE & LOCATION		FIRM NAME
<b>CHRIS M. JENKINS, PE</b> Civil Engineer New Orleans, LA		 <b>CONSULTING ENGINEERS</b>
YEARS EXPERIENCE	EDUCATION	ACTIVE REGISTRATIONS
21	BS, Civil Engineering	Professional Engineer – LA

### Experience and Qualifications

Mr. Jenkins has over 21 years of planning, design, project management and construction administration experience related to private and public infrastructure projects. His expertise is sanitary sewerage distribution design, water system distribution design, drainage system design and analysis, stormwater management, and transportation. Mr. Jenkins received his B.S. in Civil Engineering in 1998 and became licensed in June of 2004. He is proficient in AutoCAD Civil 3D 2014, StormCAD, Flowmaster, WaterCAD, Culvert Master, Neo UD-Sewer, EPANET (Water Distribution Modeling and Analysis), and Microsoft Office and Excel. Over the past 6 years, Mr. Jenkins has worked on numerous projects with the Sewerage & Water Board of New Orleans (S&WB) and is extremely familiar with S&WB staff, facilities, systems and procedures.

**SLVHCS Replacement Medical Center (VA Hospital) New Orleans, LA.** Project Engineer and manager for the New Orleans Replacement Medical Center located in downtown New Orleans. The Medical Center is currently under construction on an approximate 30-acre site bounded by Canal Street, South Galvez Street, South Rocheblave Street and Tulane Avenue. The project scope includes: site preload/surcharge program, approximately 5500 linear feet of sanitary sewer main (up to 15-inch diameter), a private sanitary sewerage lift station and temporary sewage holding tank, 4500 linear feet of 10-inch water main including fire hydrants and building services, approximately 12,000 linear feet of drainage piping (up to 30-inch diameter), storm water retention and rain gardens, stormwater treatment manholes, paving design, site structural design, selective demolition, stormwater management, and construction administration services. Water, sewer, and drainage services were closely coordinated with the State, City, and the Sewerage and Water Board of New Orleans.

**Iberville Redevelopment New Orleans, LA.** Engineering design and oversight for the Iberville Redevelopment located in downtown New Orleans. The Iberville project is currently under construction on a 100-acre site servicing approximately 880 new residential units. The project scope includes: selective demolition of existing public water, sewer and drainage system piping, new water mains and services, new sanitary sewerage mains and services, new drainage system piping, storm water treatment and quantity control, paving design, and stormwater management.

**Tulane University - Newcomb Boulevard Drainage and Street Repairs.** Project prime and design engineer for the Newcomb Boulevard project located at Tulane University. The project was designed, bid and constructed in three (3) separate phases. The project scope included: selective demolition of existing pavement (1500-foot stretch of divided roadway), complete replacement of existing drainage infrastructure, paving design, stormwater management, and construction administration services.

**Marlyville Fountainbleau Roadway Repairs, New Orleans, LA.** Project prime and design engineer for FEMA-Funded Roadway project to repair Hurricane Katrina related damages on and beneath City managed streets. Project cost including street, water, and sewer repairs estimated at \$9.0 million. Project scope and cost closely coordinated with the City of New Orleans, the Sewerage and Water Board, and FEMA representatives.

**McDonogh 35, New Orleans, LA.** Project Engineer and Manager for FEMA-Funded School project located near Bayou Saint John and Senate Street, New Orleans. Project cost estimated at \$55 million. Project scope includes: soil remediation, approximately 1800 linear feet of 48-inch diameter drain line (Sewerage and Water Board Owned), onsite water, sewer, and drainage systems, paving design, selective demolition, storm water management, and construction administration services.

**Chalmette High School, Chalmette, LA.** Project Engineer and Manager for FEMA-Funded School project located at the corner of Judge Perez and Palmisano Boulevard in Chalmette. Project cost estimated at \$55 million. Project scope included: onsite water, sewer, and drainage systems, trenchless installation of 10-inch water main, paving design, selective demolition, storm water management, and construction administration services.



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Stephannie Williams, P.E. (see attached resume)
<b>Project Assignment:</b>
Structural Engineer
<b>Name of Firm with which associated:</b>
Schrenk Endom & Flanagan, LLC
<b>Years' experience with this Firm:</b>
8
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Science, University of Texas, Austin, Texas Civil Engineering, 2003 Master of Science, University of Texas, Austin, Texas Civil Engineering, 2005 W. L. Moore Graduate Fellowship in Civil Engineering University Preemptive Recruitment Fellowship
<b>Active registration: Year first registered/discipline:</b>
Registered Civil Engineer: Louisiana, CE 40362 (2015)
<b>Other experience and qualifications relevant to the proposed Project:</b>
Ochsner Hospital West Tower Expansion Ochsner Central Utility Plant Expansion Ochsner Benson Cancer Center Addition Sophie B. Wright School & Gymnasium Ochsner Elmwood Medical Center

# Schrenk Endom & Flanagan, LLC Consulting Engineers

Resume of Stephannie A. Williams, P.E.

**Stephannie A. Williams, P.E.**  
**Structural Engineer**

Stephannie A. Williams, PE, has over fourteen years of experience in the design of structural engineering projects. Ms. Williams has managed the design and construction administration phases on projects ranging in size from 10,000 SF to 275,000 SF. Her ability to collaborate and coordinate with design teams and construction managers throughout projects, from schematic design to end of construction, has proven to be resourceful.

## **Education**

Bachelor of Science, University of Texas, Austin, Texas  
Civil Engineering, 2003  
Master of Science, University of Texas, Austin, Texas  
Civil Engineering, 2005  
W. L. Moore Graduate Fellowship in Civil Engineering  
University Preemptive Recruitment Fellowship

## **Professional History**

Schrenk, Endom & Flanagan LLC 2012 – Present  
Datum Engineers, Inc., Austin, Texas; May 2005 - January 2012

## **Registration**

Registered Civil Engineer: Louisiana, CE 40362 (2015)

## **Selected Projects**

***Ochsner Hospital West Tower Expansion - Jefferson Parish, Louisiana, \$58 million-dollar project.***

- Analysis, design, and structural engineering execution of the structural steel frame for an eight-story expansion of an existing hospital tower. Completion Date August 2018.

***Ochsner Central Utility Plant Expansion - Jefferson Parish, Louisiana, \$20 million-dollar project.***

- Structural and civil engineering services for the design of the concrete foundations and composite steel superstructure for an expansion of the existing utility plant. Completion Date August 2018.

***Ochsner Benson Cancer Center Addition - Jefferson Parish, LA \$28 million-dollar project.***

- Structural design of a five-story addition to the existing cancer center. Scheduled for completion in 2019.

***Sophie B. Wright School & Gymnasium - New Orleans, Louisiana; \$25-Million-dollar project.***



- SEF designed segmented pipe pile foundations, steel braced frames, and roof trusses for installation in the existing masonry and wood load-bearing structure. SEF also designed an auger-cast pile foundation for a concrete and steel superstructure at the new gymnasium addition.

*Ochsner Elmwood Medical Center - Elmwood, Louisiana, \$15 million-dollar project.*

- Analysis, design, and structural engineering execution of the structural steel frame for a one-story surgery suite addition. Analysis and strengthening of an existing three-story medical office building. Completion Date October 2018.

## 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.**

<b>PROJECT NO. 1</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Jefferson Parish Ames Pumping Station  Contact Information: Jefferson Parish Drainage Dept. Attn: Mr. Mitch Theriot, Director 1221 Elmwood Park Blvd. Suite 907 Jefferson, LA 70123	Full site/civil engineering design and construction administration services were also provided by SEF. Design services were provided; SEF was responsible for designing the pile supported foundation along with miscellaneous structural steel to support a crane inside the warehouse. We also performed construction administration throughout the project.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2018	\$3.8 Million.	Structural: \$900,000.00. Civil: \$675,000.00

<b>PROJECT NO. 2</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Napoleon Avenue Covered Canal	Design of approximately 3,300 linear feet of pile supported reinforced concrete double barrel 19' wide x 13' high box culverts, sewer, water, and drainage relocations and rehabilitation, roadway reconstruction and rehabilitation, traffic routing and construction phasing, and cost estimation.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2018	\$400 Million	\$40 million



## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility</b>	
SLVHCS Replacement Medical Center (VA Hospital), New Orleans, LA.	Project Engineer and manager for the New Orleans Replacement Medical Center located in downtown New Orleans. The Medical Center finished an approximate 30-acre site bounded by Canal Street, South Galvez Street, South Rocheblave Street and Tulane Avenue. The project scope includes: site preload/surcharge program, approximately 5500 linear feet of sanitary sewer main (up to 15-inch diameter), a private sanitary sewerage lift station and temporary sewage holding tank, 4500 linear feet of 10-inch water main including fire hydrants and building services, approximately 12,000 linear feet of drainage piping (up to 30-inch diameter), storm water retention and rain gardens, stormwater treatment manholes, paving design, site structural design, selective demolition, stormwater management, and construction administration services. Water, sewer, and drainage services were closely coordinated with the State, City, and the Sewerage and Water Board of New Orleans.	
Completion Date (Actual or estimated)	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2019	\$900 Million	\$100 Million

<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Jefferson Parish River Ridge Library Jefferson Parish, Louisiana 219 Soniat Ave., Harahan, LA 70123</p> <p>Contact Information: Jefferson Parish Library 4747 West Napoleon Avenue Metairie, Louisiana 70001-2310 (504) 838-1100</p>	Structural and civil design services were provided for new 1-story structural steel building. Structure bears on pile caps and grade beams which are pile supported. Parking lot consisted of Portland Cement concrete and subsurface drainage.	
Completion Date (Actual or estimated):	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
November 2017 (A)	\$3.1 Million	Structural: \$600,000.00. Civil: \$500,000.00.

### TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Canal Street Drainage Improvements	Project engineer for the design of drainage improvements of Canal Street from the Mississippi River to Claiborne Avenue, which included the placement of new drain lines, trench drain system, utility relocation, and construction management on both sides of Canal Street.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2022	\$12 Million	\$6 Million

<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Tulane University - Newcomb Boulevard Drainage and Street Repairs, New Orleans, LA	Project prime and design engineer for the Newcomb Boulevard project located at Tulane University. The project was designed, bid and constructed in three (3) separate phases. The project scope included: selective demolition of existing pavement (1500-foot stretch of divided roadway), complete replacement of existing drainage infrastructure, paving design, stormwater management, and construction administration services.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2022	\$5 Million	\$5 Million



### TEC Professional Services Questionnaire

<b>PROJECT NO. 7</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Louisiana State University Highland Hall – Baton Rouge, Louisiana.	Site and building renovation project for student housing on the campus of Louisiana State University. Civil/site improvements include a new outdoor courtyard, concrete sidewalks, future plans for horseshoe driveway improvements, earthwork, and drainage improvements. The estimated construction civil construction cost is \$500,000.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2020	\$1 Million	\$500,000

<b>PROJECT NO. 8</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Iberville Redevelopment, New Orleans, LA	Engineering design and oversight for the Iberville Redevelopment located in downtown New Orleans. The Iberville project is currently under construction on a 100-acre site servicing approximately 880 new residential units. The project scope includes: selective demolition of existing public water, sewer and drainage system piping, new water mains and services, new sanitary sewerage mains and services, new drainage system piping, storm water treatment and quantity control, paving design, and stormwater management.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2019	\$100 Million	\$25 Million

### TEC Professional Services Questionnaire

<b>PROJECT NO. 9</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
City of New Orleans Streets Project, New Orleans, LA.	A FEMA-Funded Recovery Roads Project. Scope includes the reconstruction of twenty-two city blocks in the Marlyville-Fontainebleau neighborhood. Utility improvements include water, sewer and drainage upgrades. Roadways, sidewalks, handicap ramps, and driveway aprons will be replaced. The estimated construction cost is \$10 million.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	\$10 Million	\$10 Million

<b>PROJECT NO. 10</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Jefferson Parish Shooting Range Jefferson Parish, Louisiana  Contact Information: Sheriff Newell Normand 1233 Westbank Expy Harvey, LA 70058 (504) 363-5500	Structural Engineers in renovating a former grocery store into an indoor range. The facility includes administrative offices and an evidence storage space.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2008	\$2 Million	\$275,000.00.



## TEC Professional Services Questionnaire

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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. Jefferson Parish	Schrenk & Peterson, Inc.	Case was settled out of court on March 21, 2011
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.**

Schrenk, Endom, and Flanagan, L.L.C. (SEF) is a Louisiana based small business that provides professional full-service engineering, consulting and management services to both public and private sector clients. The services we provide include, but are not limited to, planning, hydraulic modeling, engineering, design, project management, program management, construction management, construction support, permitting, project controls, regulatory assistance, grant funding applications and management, disaster recovery and claims management.

SEF has extensive experience in the design of large civil and structural engineering projects such as schools, office buildings, churches, hospitals, water treatment plants, sewer treatment plants, residential buildings and structural rehabilitation of historic buildings. SEF designed, under contract with the Sewerage & Water Board of New Orleans, the Napoleon Avenue Covered Canal Project Phase I, and has just completed and designed an additional segment of this canal (Phase 3), which commenced construction this year. SEF is qualified in providing Structural and Civil Engineering/Site Work Services for Master Planning of major facilities. The firm has provided consulting engineering services to Planning Firms in the assessment of utility systems, site work requirements, and structural analysis of existing facilities on significant projects such as the \$200 Million Phase III Expansion and the \$300 Million Phase IV Expansion of the New Orleans Convention Center. SEF provided structural design services for the LSU Stadium East and West Side Expansion Projects (\$40 million and \$50 million, respectively). SEF also provided structural and civil engineering services for the preliminary design of several Louisiana National Guard projects such as the \$60 Million Army Aviation Support Facility in Hammond, Louisiana, along with the Reserve & Bogalusa Readiness Centers. SEF was a member of the team which master planned the \$300 Million St. Thomas Housing Redevelopment Project, and currently developing \$200 Million Iberville Redevelopment Project, assessing the existing streets, site constraints and utility systems – equating to over \$30 Million in roadway, site work and utility improvements for these two redevelopment projects. Master Planning services were provided for assessment of the roadways, site work and drainage for the Tulane University Campus. The recommendations of our Master Plan are being implemented on a phased basis in drainage, site work and utility projects designed by this office. We have also been part of \$145 Million on the LSU Medical Center Campus. Schrenk Endom & Flanagan (SEF) has also provided design services to the United States Army Corps of Engineers (USACE), the City of New Orleans, the City of New Orleans Department of Public Works, Jefferson Parish Department of Public Works, the City of Slidell, La., St. Tammany Parish, the Louisiana Department of Transportation and Development, and many private clients in the design of roadways, buildings, parking areas, drainage and utility systems, and site development. The outstanding ability and experience of Schrenk Endom & Flanagan's principals and employees are documented by the firm's long-term relationships with its well-served clients in both the public and private sectors.

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

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

**Ryan M. Flanagan**

Title: \_\_\_\_\_

**Member**

Date: \_\_\_\_\_

**1/20/2021**