

Professional Electrical Engineering **Services:** Miscellaneous Street Lighting Projects and Other Electrical Related Work throughout Jefferson Parish

SOQ No. 24-026



VOLKERT





September 6, 2024

Jefferson Parish Purchasing Department
c/o Mark Buttery, Purchasing Specialist II
200 Derbigny Street, Suite 4400
Gretna, LA 70053

**RE: STATEMENT OF QUALIFICATIONS TO PROVIDE PROFESSIONAL ELECTRICAL ENGINEERING SERVICES
FOR MISCELLANEOUS STREET LIGHTING PROJECTS AND OTHER ELECTRICAL RELATED WORK
THROUGHOUT JEFFERSON PARISH; SOQ NO. 24-026**

Dear Selection Committee:

Volkert is pleased to submit our extensive qualifications to provide routine professional engineering services for Miscellaneous Street Lighting Projects and Other Electrical Related Work throughout Jefferson Parish. Volkert has been a consistent reliable partner with the Parish on a variety of projects and looks forward to serving the Parish through this contract selection.

Within Volkert's 99-year history, Volkert has developed a pedigree as a multi-discipline engineering and environmental firm, providing services to state and federal agencies, local and municipal governments and private industry clients throughout Louisiana.

Volkert has designed and constructed thousands of miles of roadway and bridges for our clients. Volkert has provided professional services for roadway design, bridge design, construction engineering and inspection, corridor studies, traffic engineering, lighting design, environmental engineering, complete street design, surveying and real estate/right-of-way services.

Please note that I am an authorized representative of Volkert, Inc., and will be able to commit our team to a contract with the Parish upon selection. I can be reached via phone at (225) 270-1454 or via e-mail at jan.evans@volkert.com.

Sincerely,
VOLKERT, INC.

A handwritten signature in blue ink that reads 'Janet L. Evans'.

Janet L. Evans, PE, MBA
Vice President

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 24-026

Professional Electrical Engineering Services for Miscellaneous Street
Lighting Projects and Other Electrical Related Work throughout Jefferson Parish**B. Firm Name & Address:**Volkert, Inc.
4141 Bienville Street, Suite 102
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:**Janet L. Evans, PE, MBA
LA PE No. 21307
Vice President
(225) 218-9440
jan.evans@volkert.com
9448 Brookline Avenue
Baton Rouge, LA 70809**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.**Janet L. Evans, PE, MBA
LA PE # 21307
Vice President
(225) 218-9440
jan.evans@volkert.com
9448 Brookline Avenue
Baton Rouge, LA 70809Jonathan Gambino, PE, PTOE, RSP1
LA PE # 41496
Operations Manager
(504) 488-8002
jonathan.gambino@volkert.com
4141 Bienville Street, Suite 102
New Orleans, Louisiana 70119**E. Please provide the number of employees whose primary function corresponds with each category:**

7 Administrative	___ Estimators	___ Specification Writers
___ Architects (Licensed)	___ Geologists	___ Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	___ Graduate Engineers
22 Civil Engineers	___ Interior Designers	___ Project Managers
28 Construction Inspectors	___ Landscape Architects	___ Clerical
___ Ecologists	8 Land Surveyor	___ Grant/Funding Specialist
2 Electrical Engineers	___ Mechanical Engineers	___ Sanitary Engineers
7 Engineer Intern	___ Environmental Engineers	
2 Professional Land Surveyors		76 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. Volkert will add qualified subconsultants as needed for any specific project assignments.		
2.		
3.		

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

0 _____

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:

Janet L. Evans, PE, MBA

Project Assignment:

Principal-in-Charge

Name of Firm with which associated:

Volkert, Inc.

Years' experience with this Firm:

16

Education: Degree(s)/Year/Specialization:

MBA | 1986 | Business
BS | 1980 | Civil Engineering

Active registration: Year first registered/discipline:

LA PE #21307 | 1984 | Civil

Other experience and qualifications relevant to the proposed Project:

Ms. Evans has over 40 years of project management and design experience, almost entirely on Louisiana projects, as well as experience in highway construction. Over the course of her career, she has worked extensively with the Louisiana Department of Transportation and Development in addition to municipalities, parishes, airports, and seaports across the state. 16 years ago, she joined Volkert, which was founded in New Orleans in 1925, and has reestablished the firm as one of the state's leading consultants. She now leads a growing team of professionals in multiple disciplines in six different offices across the state for Volkert.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jonathan Gambino, PE, PTOE, RSP1
Project Assignment:
Project Manager
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
4
Education: Degree(s)/Year/Specialization:
BS 2012 Civil Engineering
Active registration: Year first registered/discipline:
LA PE #41496 2017 Civil
Other experience and qualifications relevant to the proposed Project:
Mr. Gambino joined Volkert in 2020 and has 12 years of experience developing civil and traffic engineering plans, specifications, and studies. This includes identifying and adhering to applicable state policies and procedures for project plan development. His experience includes the use of MicroStation, InRoads, AASHTOWare Project, VISSIM, Vistro, Synchro plus SimTraffic, Sidra Intersection, HCS, Tru-Traffic, AutoCAD, ACAD Civil 3D, CORSIM, TEAPAC, and TS/PP Draft programs. He is an ITE PTOE (#4433) and has obtained his ATSSA Flagger certification.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Ken Powers, PE
Project Assignment:
Electrical Engineer
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
16
Education: Degree(s)/Year/Specialization:
BS 1996 Electrical Engineering
Active registration: Year first registered/discipline:
LA PE #39559 2015 Civil
Other experience and qualifications relevant to the proposed Project:
Starting in 1999, Mr. Powers served as an Electrical Engineer at Volkert for 8 years. In 2014, he rejoined the firm as the Electrical Department Manager. His over 23 years of experience includes roadway lighting systems, interior and exterior lighting systems, airport lighting improvements, emergency generator systems, pump stations, power system design, power and lighting renovations, lighting calculations, utility company coordination, scope and fee proposals, and submittal reviews.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
William Tucker, PE
Project Assignment:
Electrical Engineer
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
1
Education: Degree(s)/Year/Specialization:
BS 1980 Electrical Engineering
Active registration: Year first registered/discipline:
2015 Civil LA PE #39846
Other experience and qualifications relevant to the proposed Project:
Mr. Tucker has more than 42 years' experience as an Engineer, and 36 years as a Professional Electrical Engineer in the design and Construction of healthcare, industrial, governmental, military, private, and commercial infrastructures.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Perry Leblanc
Project Assignment:
CADD Technician
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
8
Education: Degree(s)/Year/Specialization:
AA 1998 Drafting & Design Technology
Active registration: Year first registered/discipline:
Other experience and qualifications relevant to the proposed Project:
Mr. LeBlanc joined Volkert's Baton Rouge office in 2016, after a eighteen-year career working in design and as a CADD instructor at a local technical college. He is responsible for the CADD design of engineering projects for airports and other engineering projects. He has extensive experience in generating 3D models of projects. His experience includes the following projects.

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:
Causeway Segmented Shoulder Bay Improvements on the Lake Pontchartrain Bridge Greater New Orleans Expressway Commission (GNOEC) Carlton Dufrechou 504-835-3118	Louisiana's Lake Pontchartrain Causeway, the longest continuous bridge over water in the world, was in need of shoulders to increase safety on the bridge. Volkert was selected to design these essential and long awaited shoulder additions. The bridge shoulders, comprised of 12 bays, provide a safe space for disabled vehicles to pull over out of traffic. They also increase safety for motorists and emergency personnel in the event of a crash. This project was executed using the Construction Manager at Risk (CMAR) alternative delivery method, a first for the state of Louisiana. Electrical design services included updating lighting along the bridge and additional lighting as necessary to accommodate the new segmented shoulders.
Completion Date (Actual or estimated):	Estimated Cost:
	Entire Project: Work for which Firm was Responsible:
2020	\$50M \$1.1M

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
I-12 Widening (US 190 to LA 59), Route I-12, St. Tammany Parish, LA T. Baker Smith/LADOTD Dennis Hymel, Jr., PE 985-493-2963	Volkert was responsible for bridge design, road design, and ICE/CPM which included all engineering services necessary to complete the submittal of Stage 3 Design, Part III, Preliminary Plans and Part IV, Final Plans. This project was to widen and and rehabilitate I-12 to the median side from a 4-lane freeway to a 6-lane freeway section in both the East and Westbound direction. The project begins just west of US 190 and ends just east of LA 59 for approximately 4 miles. The US 190 and LA 59 interchanges are included in this project. Volkert's electrical design services included the development of design plans to light the roadway for the entire length of the project.
Completion Date (Actual or estimated):	Estimated Cost:
	Entire Project: Work for which Firm was Responsible:
2018	n/a \$331,698

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>St. Charles Engineer Canal Pump Station</p> <p>St. Charles Parish, LA Andre Ford 985-783-5102</p>	<p>The intent of this project was to analyze the Engineer's Canal Pump Station in St. Charles Parish to determine the best approach for improving the conditions of the pump station for better efficiency and storm water supply to the station and pumps. The pump station is planned to be upgraded with new 100 cfs pumps, new/rehabbed wet well, new screened intakes and a new USACE levee crossing for the upgraded force mains. The project will increase the pumping capacity by nearly 100% helping to prevent flooding in the area.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024	n/a	\$38,000

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Plank Road Realignment for the Baton Rouge Metropolitan Airport</p> <p>Baton Rouge Metropolitan Airport Ralph Hennessy 225-389-3186</p>	<p>Volkert performed engineering, real estate, and related services to in order to prepare final plans to relocate Plank Road along a new alignment. Also, the plans included widening Hooper Rd. and Harding Blvd., adding turn lanes, adding J turns, adding sidewalks and reconfiguring the signals. This project was initiated by the airport in order to reclaim the Runway Safety Area (RSA) and Runway Protection Zone (RPZ). Electrical design included development of design plans for a new lighting system for each phase evaluated and new signalized intersections for the project.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	n/a	\$2M

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Taxiway L Extension and Decommissioning of Runway 4R-22L and Taxiway E Baton Rouge Metropolitan Airport Ralph Hennessy 225-389-3186	The installation of advanced taxiway edge lighting by Volkert has a profound impact on the airport's operations. Enhanced visibility provided by these lights significantly improves pilot navigation during night and adverse weather conditions, thereby increasing overall safety. Additionally, the energy efficient LED lights contribute to the airport's sustainability goals, reflecting a commitment to environmentally responsible practices.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023	n/a	\$82,000

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
I-10 Widening Design Build Siegen Lane Interchange to the Highland Road Interchange, Boh Bros Construction/LA DOTD East Baton Rouge Parish, LA G.J. Schexnayder 504-821-2400	This project consisted of widening I-10 from two-lanes in each direction to three-lanes in each direction (six-lanes total) with a 54-inch high center median single barrier or double barriers. Electrical design services included the development of design plans to light the roadway for the entire length of the project and lighting underneath the bridge over the railroad.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2014	\$60M	\$4.8M

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>West Baton Rouge Parish Emergency Generator, CDBG Project</p> <p>West Baton Rouge Parish, LA Jason Manola 225-383-4755</p>	<p>The project consists of a CDBG disaster recovery program for the design and installation of thirty (30) emergency generators at numerous sewage lift stations and sewage treatment facilities. During Hurricanes Gustav/Ike many of these lift stations and treatment facilities lost electrical service due to downed lines and poles from the high winds. Volkert was responsible for the preparation of preliminary and final engineering design services and preparation of plan for the installation of selected generators. Electrical design included analysis and design for standby generators at 30 lift stations. Each station required transfer switches to transfer the load to the generator in case of power outage or to act as a service disconnect during emergency situations.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2011	n/a	\$800,000

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Airfield Lighting System for St. Tammany Regional Airport</p> <p>Louisiana Department of Economic Development Bruce Crouch Director, Facilities Management 985.898.2792</p>	<p>Volkert provided new runway and taxiway lighting and signage, new wind cones, new Precision Approach Path Indicators (PAPIs) and new Runway End Identifier Lights (REILs). Edge light spacing was calculated based on the length of the runway, in conformance with applicable FAA Advisory Circulars. A new airfield lighting vault was provided, along with provisions for a backup generator and transfer switches. Coordination was performed with the local power company for new service, assisted the Owner with selecting a suitable location for the vault to allow for future facilities, such as fuel farms and hangars, to be constructed without impacting the elements of this project.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019		

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
I-220/I-20 Interchange Improvements to BAFB Access Design-Build, Bossier Parish, LA	Volkert to was selected to serve as the Owner Verification Team to manage this \$71.8 M Design-Build project for LADOTD. Volkert was responsible for all project oversight for the Design and Construction on this Project. CE&I services were provided by a Sub-Consultant. The project began on I-220 at the existing/proposed ramp on/off acceleration/declaration lanes north of I-20 and extends south over I-20, then continued in a southerly direction to an overpass(s) of the Kansas City Southern Railroad (KCS RR) to a terminal point on Barksdale Air Force Base property.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	\$5.6M	\$2.5M

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Roundabout at Highway 929 and Highway 930 in Prairieville, LA for Ascension Parish	As part of the Move Ascension program Volkert was assigned a task order to develop plans for a single-lane asphalt Roundabout Highway 929 and Highway 930, Prairieville, LA. The roundabout will replace the existing stop-controlled intersection and consists of a single lane asphalt roundabout. The roundabout was designed through SIDRA, AASHTO, and Louisiana DOTD standards. A traffic study was completed through SIDRA and then the development of plans from Preliminary through Final was completed using AASHTO and LADOTD guidelines and criteria. The scope of services included development of traffic, construction plans, drainage improvements, lighting, topographic survey, ROW mapping, geotechnical services and to perform subsurface utility engineering (SUE) services.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	n/a	\$421,000

TEC Professional Services Questionnaire

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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. n/a		
2. n/a		
3. n/a		
4. n/a		

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

As a full-service infrastructure services firm, Volkert provides efficient and safe lighting and electrical system design. Our lighting and electrical engineers serve clients as part of a team developing infrastructure for transportation and water resources, or as a stand-alone provider. Volkert has also designed retrofits for outmoded lighting and electrical systems to enhance sustainability and minimize impact on the surrounding natural and human environments.

Roadway and bridge lighting systems
 Airport lighting improvements
 Emergency generator systems
 Pump stations
 Utility coordination
 Power network design
 Water resources instrumentation and control, including Supervisory Control and Data Acquisition (SCADA)
 Commercial and industrial facilities

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

Signature: Janet L. Evans Print Name: Janet Evans
 Title: Vice President Date: 9/5/2024