

## **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 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:**

Professional Electrical Engineering Services for Miscellaneous Street Lighting Projects and Other Electrical Related Work throughout Jefferson Parish  
Resolution No. 144425

**B. Firm Name & Address:**

Wi-Skies, LLC  
8 Cora Slocomb Dr.  
Spanish Fort, AL 36527

**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:**

Joseph Marsh, PE  
President  
Wi-Skies, LLC  
(219) 588-6962  
joe@wi-skies.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.**

James Laskero, PE  
Wi-Skies, LLC  
jim@wi-skies.com

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

<u>4</u> Administrative	<u>    </u> Estimators	<u>2</u> Specification Writers
<u>    </u> Architects (Licensed)	<u>    </u> Geologists	<u>1</u> Structural Engineers
<u>    </u> Chemical Engineers	<u>    </u> Geotechnical Engineers	<u>    </u> Graduate Engineers
<u>    </u> Civil Engineers	<u>    </u> Interior Designers	<u>1</u> Project Managers
<u>    </u> Construction Inspectors	<u>    </u> Landscape Architects	<u>    </u> Clerical
<u>    </u> Ecologists	<u>    </u> Land Surveyor	<u>    </u> Grant/Funding Specialist
<u>7</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>15</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.
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. NA		
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:**

Joseph Marsh, PE  
President

**Project Assignment:**

Project Manager

**Name of Firm with which associated:**

Wi-Skies, LLC

**Years' experience with this Firm:**

10

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

B.S. Electrical & Computer Engineering/2001/Electrical Engineer

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

2012/Electrical and Computer Engineering

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

The President of Wi-Skies, LLC, Joe brings over twenty years of diverse engineering experience, with a focus on roadway lighting. Joe serves as Roadway Lighting Subject Matter Expert for multiple State DOTs and has run many on-call roadway lighting contracts with many state DOT and municipalities. Mr. Marsh is heavily involved with the Illuminating Engineering Society (IES), which sets the lighting design criteria most agencies adopt and is the former Chair of the Roadway Lighting Committee. He is heavily involved with many research initiatives, such as international effort to change the existing policy regarding daytime lighting in tunnels and the proper deployment of roundabout lighting. His strengths are leadership having a sensible application of technical knowledge and project delivery, where he has consistently overseen many large-scale projects simultaneously while delivering superior quality work. In addition to his diverse lighting background, Joe has worked on several cutting-edge ITS projects, ranging from design to installation to integration and debugging. Mr. Marsh has repeatedly demonstrated his diversity as an electrical engineer who can oversee the design of any lighting, ITS, electrical, pump station, traffic signal, signing, pavement marking or airport electrical project.

### TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b> James Laskero, PE Lead ITS Engineer
<b>Project Assignment:</b> Project Engineer
<b>Name of Firm with which associated:</b> Wi-Skies, LLC
<b>Years' experience with this Firm:</b> 10
<b>Education: Degree(s)/Year/Specialization:</b> B.S. Electrical Engineering/1984/Electrical Engineering
<b>Active registration: Year first registered/discipline:</b> 2021/Electrical Engineer
<b>Other experience and qualifications relevant to the proposed Project:</b> The Lead ITS Designer at Wi-Skies, LLC, Jim brings over twenty-five years of diverse electrical engineering experience with a focus on ITS and roadway lighting. Mr. Laskero has been instrumental in the development of many roadway lighting standards and specifications which have been adopted by multiple DOTs. Jim is extremely proficient at delivering multiple large-scale projects concurrently without compromising quality and is responsible for QCQA for many lighting and ITS projects. Jim's professional affiliations include: Illinois Road and Transportation Builders Association (Design/Construction/Research Subcommittee's Electrical and Utilities) and IEEE (Power & Energy, Smart Grid Community, Communications Society, Information Theory Society).

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b> Mark Seppelt, PE Lead Lighting Engineer
<b>Project Assignment:</b> Senior Lighting Engineer
<b>Name of Firm with which associated:</b> Wi-Skies, LLC
<b>Years' experience with this Firm:</b> 4
<b>Education: Degree(s)/Year/Specialization:</b> B.S. Civil Engineering/1978/Electrical Engineering MBA - 1992
<b>Active registration: Year first registered/discipline:</b> 2021/Civil Engineer
<b>Other experience and qualifications relevant to the proposed Project:</b> Prior to joining Wi-Skies LLC, Mark served as the Electrical and Mechanical Unit Chief in the Bureau of Design and Environment at the Illinois Department of Transportation (IDOT) for 21 years. In this position, Mark designed and reviewed the design of hundreds of lighting projects on state, federal, and local highway systems. His daily responsibilities included creating, updating, coordinating, interpreting, and maintaining the Department's policy on roadway lighting. He was responsible for the design and review of all roadway lighting projects in Illinois except for Chicago, District 1. His duties also included addressing all RFI's and approving all shop drawings prior to construction and in addition, he inspected all roadway lighting projects for final acceptance. He oversaw the design and upgrade of roadway dewatering pump stations. He routinely monitored international, national, state, and local codes to keep Department standards updated and technically accurate. Mr. Seppelt for many years has been active within the industry on the national level serving in leadership positions for the Illuminating Engineering Society's Roadway Lighting Committee (RLC) where he now serves as Chair. He also serves on various RLC task groups as well as AASHTO Joint Technical Committee on Roadway Lighting along with individuals from other DOTs around the country to advance good lighting design practices for roadways and is the Chair of multiple NCHRP research projects for the advancement of roadway lighting.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
John Falcone Lead Field Engineer
<b>Project Assignment:</b>
Project Engineer
<b>Name of Firm with which associated:</b>
Wi-Skies, LLC
<b>Years' experience with this Firm:</b>
2
<b>Education: Degree(s)/Year/Specialization:</b>
B.S. Technical Management - DeVry University Associate in Applied Sciences - College of DuPage Project Management Academy Ameritech Educational Institute National Cable Television Institute - Advanced Services Certifications
<b>Active registration: Year first registered/discipline:</b>
NA
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Prior to joining Wi-Skies, John was a project manager for a major electrical contractor in the Chicagoland area, where he gained extensive experience in project management, installation, testing, commissioning, and maintenance for tolling and ITS. John directed the activities of subcontractors and vendors to ensure the proper installation of Open Road Tolling, manual and I-Pass only lanes, and coin machines for the Illinois State Toll Highway Authority (ISTHA). He has comprehensive experience in staff management, workforce planning and employee performance management, as well as budget management, analysis, and forecasting. John is highly skilled in team leadership, project management, evaluation of technical and project requirements, process improvement, cost reduction and vendor management. John has expert knowledge and experience in the installation and maintenance of toll collection systems as well as extensive experience in construction and installation of Intelligent Transportation Systems (ITS). During his time at Wi-Skies, he has become increasingly familiar with the design, construction and maintenance of roadway lighting.</p>

### TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b> Aaron Keil, LC Lighting Engineer
<b>Project Assignment:</b> Lighting Engineer
<b>Name of Firm with which associated:</b> Wi-Skies, LLC
<b>Years' experience with this Firm:</b> 2
<b>Education: Degree(s)/Year/Specialization:</b> B.S. Architectural Engineering/2012/Electrical Systems Specialty
<b>Active registration: Year first registered/discipline:</b> NA
<b>Other experience and qualifications relevant to the proposed Project:</b> Aaron brings over 10 years of lighting experience, primarily from his time in electrical distribution and being a lighting manufactures representative. In addition, he is an instructor for Lighting Analysts AGi32 software. Aaron has completed a diverse range of lighting projects in his career including residential, commercial, industrial, educational, healthcare, sports lighting, agricultural, government, and roadway projects. The role in those projects have included initial site visits, client scope meetings, photometric plans, product selection and submittals, ROI reports, utility rate case analysis, sales, and project management.

## 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:
Georgia DOT Lighting Design-on-Request Services - Statewide Georgia DOT Robert Graham, PE (GDOT) 404-631-1684	Wi-Skies, LLC has operated as an extension of GDOT as an in-house staff consultant to the GDOT Lighting Group for the past ten years, assisting them with many daily initiatives. Wi-Skies employs one full-time employee in the GDOT offices and multiple staff part-time. As GDOT's lighting subject matter expert, our President, Joe Marsh, frequently makes or guides both small and large decisions on behalf of the Department. Wi-Skies has assisted GDOT in several significant tasks, such as revising and maintaining Chapter 14 of the Design Policy Manual, reviewing and revising pay items and specifications, and identifying and developing design standards to be adopted by GDOT. Wi-Skies also led the effort to establish an LED Specification for the Department's use and provided guidance in their quest to adopt a statewide Light Loss Factor (LLF) for LED technologies. We review many projects and permits submitted to the Lighting Group for approval, providing comments and approval as warranted. We have been instrumental in assisting the Department in enhancing the Department's policies as well as providing design guidance for photometrics and plans submitted for approval. The Group calls upon us to help with daily challenges the group faces, such as providing lighting recommendations for programmed projects and providing cost estimates for new and existing lighting installations, which are often offered directly to the Chief Engineer.
Completion Date (Actual or estimated):	Estimated Cost:
	Entire Project:      Work for which Firm was Responsible:
Ongoing	NA      \$2.376M

### PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
IADOT Traffic & Safety Statewide On-Call Roadway Lighting Iowa DOT Chris Poole, PE 515-239-1513	Wi-Skies has held a contract with Iowa DOT to provide high-level support to their lighting program since 2016. Our role includes lighting design policy revisions, standard drawing modification and creation, specification, and pay item revisions. We are responsible for reviewing and approving photometric calculations and lighting plans provided by other consultants or vendors and develop budgetary numbers for upcoming lighting projects. We also oversee or lead several research initiatives, such as evaluating the effectiveness of high mast tower lighting and potential cost savings related to the installation and maintenance of high mast systems without lowering devices. We have also developed experimental installations for daytime lighting in short tunnels to ensure safety while minimizing installation and energy costs. This research is done in concert with ongoing research with other organizations and agencies to ensure universal consensus.
Completion Date (Actual or estimated):	Estimated Cost:
	Entire Project:      Work for which Firm was Responsible:
Ongoing	NA      \$100K

## 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>	
Illinois DOT Roadway Lighting Design and Inspection on Request Illinois DOT Bernard Griffin, PE 217-524-1651	Wi-Skies assisted the Illinois DOT Electrical and Mechanical Unit with high-end policy reviews, modifications and guidance on significant decisions regarding policy. Wi-Skies provides full-time and part-time staff, serving as in-house consultants, and acting on behalf of the Department. We have assisted IDOT on high-level tasks such as the revision of Chapter 56 of their Bureau of Design and Environment Manual, revision of the LED specification, review of designs and identifying and developing design standards to be adopted by IDOT. We have researched several topics, such as the possibility of allowing over 5% voltage drop for LED technologies, high mast tower cost savings alternatives and currently leading other lighting research initiatives. Following his retirement from IDOT as the Electrical and Mechanical Unit Chief in the Bureau of Design and Environment for 21 years, Mark joined Wi-Skies, where he remains active in on-call advisory role. Mark managed the design, installation and/or repair of countless lighting and pump station systems throughout the state during his IDOT career. He also led dozens of research initiatives to improve the state's lighting program. Mr. Seppelt initiated an update of IDOT's Standards Specifications for Road and Bridge Construction, Highway Standards, and Bureau of Design and Environment Manual in regard to high mast light tower design and construction to bring all of these documents up to present day standards. He also initiated a research project to study ways to reduce the cost of high mast light towers as well as pioneer a method to reevaluate required light levels for high mast lighting and potentially reduce the number of towers needed on projects. Mark also was responsible for the first high mast lighting project in Illinois using LED high mast luminaires.	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023	NA	\$800K

<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Carolina Crossroads Phase 1 & 2 Design-Build Lexington County, SC Ashley Johnson, PE (SCDOT) 803-737-4990	<p>In one of the most significant construction ventures in South Carolina transportation history, SCDOT is designing improvements along the interstate corridor of I-20/26/126. Improvements include interchanges at I-20/I-26 and I-26/I-126 in Lexington and Richland Counties in five phases, this is phase 1 &amp; 2. These improvements are proposed to reduce traffic congestion, improve safety, modernize infrastructure, and accommodate growth in what is commonly referred to as the "Malfunction Junction." The corridor's approximately 14 miles of mainline interstate include I-26 from Exit 101 - Broad River Road (US 176) to east of the Saluda River, I-20 from the west of the Saluda River to west of the Broad River, and I-126 from I-26 to east of the interchange with Colonial Life Blvd. Phase 1 &amp; 2 is stated to have a project worth of \$335 million.</p> <p>Wi-Skies is responsible for the complete continuous lighting design along the interstate and interchanges and includes lighting for Colonial Life Blvd and Greystone Blvd, both north and south of the interchanges. The design consists of high mast towers along the interstate and interchanges and conventional roadway lighting along the ramps and side streets. In addition, every effort has been made to minimize spill lighting to the residential areas on the side streets. Wi-Skies also provided the lighting and electrical plans for the overhead signs throughout the project.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	\$500M	\$298K

## 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>	
<b>Sunny Isles Beach Electrical Deficiencies</b> <b>Sunny Isles Beach, FL</b> <b>Fabricio Volpi</b> <b>228-234-7369</b>	Wi-Skies was brought in to inspect approximately 130 decorative teardrop light poles installed along Collins Ave (A1A), which were recently installed as part of an FDOT project. Unfortunately, much of the electrical work done by the contractor was not done in accordance with either FDOT specifications or the plans. The Construction Engineering Inspection (CEI) group responsible for the inspection and approval of the system did not catch the mistakes, which resulted in the failure of many of the lights within months of being turned over to the City. Most of these issues were attributed to the fact that the contractor did not use outdoor rated cabling throughout the project as well as utilizing indoor rated transformers to power festoon outlets near the top of each pole. The contractor also drilled the poles with holes to mount the external transformers near the pole base, which put into question the structural integrity of the poles, especially given the 150 MPH wind zone area the poles were installed in. After working with the pole manufacturer, however, it was determined that the holes did not impact the structural integrity and the warranty was still valid. Joe and John provided the physical inspection of a majority of the light poles, including taking ground readings at each of the adjacent handholes and developing a comprehensive report for the City. We also worked diligently with transformer manufacturers to locate a properly rated transformer which would not only step down the supply voltage for the festoon light at each pole, but also fit under the decorative pole's skirt. The report developed was primarily used to both quantify and direct the new contractor on the repairs throughout the project to provide expedited repair. However, a secondary purpose of the report was to provide documentation for potential litigation against the first contractor and CEI team, making the report very comprehensive.	
Completion Date (Actual or estimated):	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2023	NA	\$38K

<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>I-285 at I-20 East MMIP</b> <b>Georgia DOT</b> <b>Tyler McIntosh, PE (ICE)</b> <b>404-867-2658</b>	Wi-Skies is designing the lighting at the I-285 Interchange with I-20 on the east side of the loop as part of GDOT's Major Mobility Investment Program (MMIP). As part of a massive design-build effort, the interchange is being reconstructed to improve traffic flow throughout the interchange as well as adjacent interchanges. These improvements include increased entrance and exit ramps for all interchanges as well as the main interchange itself, which includes the addition of several flyover ramps as well as increased roadway width. Most of the interchange area will be lit using high mast towers, however, because of the elevation differences between the mainline and some the flyover ramps, supplemental conventional lighting is necessary on the taller flyover ramps. Full photometric analysis including all roadway elevations along with the tower heights based on actual proposed cross-section elevations were done throughout the project to verify lighting criteria was met. The cross-sections were also analyzed to determine where any existing towers may be re-used based on the local grade. Due to the increased roadway widths, ROW constraints coupled with both structural and noise wall obstructions, placement of high mast towers was difficult or impossible to, leading to extensive coordination with the roadway and bridge designers to accommodate. Spill lighting analysis was done at the ROW in certain quadrants where residential properties were prevalent. These residential properties in some quadrants, along with dense forestation in other quadrants, also limited the service point locations to power the very large electrical load, which resulted in extensive coordination with the local power company. Wi-Skies is responsible for developing the complete lighting design for the entire 2.8 miles of interchange lighting, including photometric calculations, installation details, voltage drop calculations and cost estimates.	
Completion Date (Actual or estimated):	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2027	NA	\$200K

## 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>	
SR 120 from SR 141 to Peachtree-Industrial Georgia DOT Robert Graham, PE 404-631-1684	The reconstruction and widening of over 2.5 miles of this major thoroughfare is substantial and comprises of several large intersections and a roundabout. As part of the project, a multi-use path is being installed along one side of the roadway and a sidewalk will be installed on another, both of which will be properly lit, along with the roadway. Due to narrow ROW and presence of many utilities, this presents many interesting underground and overhead challenges throughout the project. The project spans two cities and ranges from commercial to residential, making the lighting objectives quite different. In-depth analysis is necessary to make sure lighting does not end up where it is not desired, such as in the sensitive residential areas, while also meeting the recommended values for the wide roadway. Wi-Skies is providing the entire lighting design effort, including development of the photometric calculations, putting together documents for multiple Cities and DOT review, coordinating service point locations, performing voltage drop calculations and developing plans.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2025	NA	\$200K

<b>PROJECT NO. 8</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
SR 99 at SR 25 Solar Roundabout Georgia DOT Robert Graham, PE 404-631-1684	Deemed a high priority project by Management, a roundabout will be created in the place of an existing three-legged intersection. Without local support for paying the lighting bill, the Department will instead go to a completely solar lighting design. Due to the presence of overhead transmission lines, historical boundaries, and heavy forestry at the roundabout, finding a location for the solar array is challenging. Even after identifying a nominal location, a difficult decision was made to eliminate many very tall trees which would cast a shadow over the array during much of the day, hindering the design, which is to nominally create the system to be self-sufficient for up to ten days. Wi-Skies, LLC is designing all aspects of the electrical design, including the alternative energy solution and lighting design, consisting of photometric calculations, lighting plans and specifications.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2022	NA	\$60K

## 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>	
I-35 NEX Central Design Build Lighting QC Multiple Counties, TX Andoni Unzueta, PE (Ferrovia) 512-739-5689	TxDOT is expanding approximately 19.5 miles of interstate highway I-35 in Bexar, Comal, and Guadalupe Counties, Texas. The I-35 design-build project involves the construction of two non-toll 15-mile-long elevated bridges between the I-35 main lanes and frontage roads. The elevated lanes will provide one high occupancy vehicle lane and two general-purpose lanes in each direction. In addition to the elevated lanes on either side of I-35, the mainline lanes of I-35 will be widened for the addition of two general-purpose lanes. The project also includes revisions to ramps and frontage roads to transition the elevated lanes and connectors with the existing highways. Wi-Skies has the distinctive opportunity to provide quality control and design oversight for lighting of the entire project, which encompasses the entire 19.5 miles of the interstate. Our role includes conversing with three design firms and the overall PM to make sure uniform lighting is provided throughout the project. Multiple drawing packages need to be reviewed and TxDOT specific lighting requirements must be adhered to. The complexity of this layout of highway makes it imperative the lighting is designed correctly and the lighting on the pavement is uniform so that motorists navigating this stretch of extremely busy highway can do so safely and effectively.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	NA	\$300K

<b>PROJECT NO. 10</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Langford Parkway (SR 166) Lighting Replacement Project Georgia DOT Robert Graham, PE 404-631-1684	Langford Parkway is a major thoroughfare which connects I-285 to I-85 north of the Atlanta airport in the southwest side of the city. The corridor was originally built as an urban collector, but over time has become an access-controlled freeway with entrance and exit ramps. However, urban curb still exists in portions of the roadway and the lighting was installed based on the original urban collector setting and subsequent setbacks. Because of this, most of the lighting installed on the outside of the roadway is within unprotected clear zone and subject to frequent knock-downs. As the entire 6.5-mile corridor is continuously lit, this resulted in continued maintenance. As the lighting system was wholly inadequate and subject to frequent failures, the recommendation was made to provide a new lighting system through the corridor which increased pole setbacks, coupled with barrier protection as warranted. This new lighting system will also replace and upgrade the existing lighting along the median wall, where applicable. As the corridor was untouched for decades, full survey, LIDAR and SUE was necessary, which Wi-Skies coordinated the effort on through our sub-consultant. We were responsible for the entire stand-alone lighting plan set, including plan development, photometric and voltage drop calculations, specifications and cost estimates and bid support. The entire electrical system, including service point locations, cabling and conduit, except for those within barrier walls, will be replaced as part of this project.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	NA	\$250K

## 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. NA	NA	NA
2.		
3.		
4.		

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

Wi-Skies specializes in on-call roadway lighting contracts such as this, where we have consistently and efficiently delivered countless lighting designs to their various clients. As there are many different types of lighting and electrical projects which may require our support, the winning consultant must have a diverse and knowledgeable staff to ensure project delivery schedules are maintained. The staff of Wi-Skies has an incredible wealth of experience on any and all lighting and electrical projects along with the expected timelines and challenges inherent with each of them. Wi-Skies has designed hundreds of roadway lighting projects, ranging from roundabouts, intersections, interchanges, streetscapes, pedestrian and multi-use path or standalone lighting projects, among others. This experience translates to minimal negotiations and efficiency in design, both translating to lower costs and a streamlined design process. Our staff is always looking for new and innovative ways to not only deliver more efficiently, but also looking for innovative technologies for our clients to deploy to stay on top of new and evolving technologies.

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

Signature:  Print Name: Joseph Marsh, PE  
 Title: President Date: August 16, 2024