

## PREMIER ENGINEERING CONSULTANTS, LLC.

November 14, 2014

Kenny Voss, P.E.  
Local Program Administrator  
105 West Capitol Avenue  
Jefferson City, MO 65102

**Subject: MODOT On-Call Engineering Services – Trails & Sidewalk**

Dear Mr Voss

MoDOT is seeking a highly qualified Engineering Team for the **On-Call Engineering Services Contract for Trails & Sidewalk Category**. This On-Call Contract may include the following types of work: production of competently engineered trail and pedestrian use facilities, environmental clearance, right of way, signal and lighting, landscaping and beautification but may include other work as related to trail and sidewalk design and we are especially thrilled to present the outstanding staff that will support this need.

As the President of Premier, I will make sure that all the necessary resources are provided to any MODOT On-Call project we are assigned. **It will be the Premier's top priority to serve MoDOT and its partners with the same high level of passion, commitment, dedication and quality in a timely and cost effective manner.** My career spans over 28 years, including **4 years working for MODOT (District 4 – Kansas City District)**. While at MODOT, I worked on preliminary design of bridges and roadway project as an Intermediate Highway Designer.

Premier is a perfect fit for this on-call contract and we have a team of professionals who are both adept in all facets of roadway design and construction as well as civil and structural engineering design. Our staff has been involved in site design for commercial facilities, drainage design for residential neighborhoods as well as structural design of all kinds of facilities – industrial, residential, commercial, recreational and institutional facilities. An overview of our proposed project leadership team follows:

**Raymond Okuagu, PhD, PE, SE**, is 28 year professional who spent part of his long career at Butler Manufacturing Company in Kansas City as a Project Engineer. In that capacity, he designed hundreds of industrial facilities nationwide. He also worked for Burns and McDonnell as a Structural Engineer before launching Premier Engineering Consultants LLC in 2005. As a 4 year veteran of MODOT, Raymond will be the **Project Manager** for any roadway design or related task order resulting from this on-call solicitation, ensuring that all design are performed according to MODOT standards. At Premier, he has led his team through the successful completion of civil and structural engineering projects in Kansas City area and around the nation. In the recent past Premier has completed several roadway and related projects some of which will be highlighted later.

**Rene Ngwafang, PE** will lead our Civil Engineer for any trail design task orders from this on-call engineering contract. With over twenty years of experience in civil engineering, Rene will ensure that the best products and services will be provided to MODOT under this contract. Rene has been involved in all the civil engineering projects at Premier for the last five years. Over the years, his project responsibility has gradually increased in proportion to his experience. He has participated in civil engineering design of our projects in Premier.

**Stacia Patterson, PE** will serve as our Assistant Team Leader for any civil design task orders from this on-call engineering contract. With over 15 years of experience in civil engineering, Stacia will work closely with Rene to ensure that the best products and services will be provided to MODOT under this contract. Stacia who is also a veteran of MODOT has been involved in all the civil engineering projects at Premier for the last four years.

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Some of the recent projects completed by the Premier team include:

- **Blue River Trail** – Premier Engineering Consultants was hired by the Parks and recreation Department of the city of Kansas City to perform an alignment study of Blue River Trail from 87<sup>th</sup> Street to 63<sup>rd</sup> Street along the Blue River. This study produced three different alignments that were presented to the Park Board. Based on costs, constructability, aesthetics etc., one alignment was selected by the board. This project which is still on-going is 97% complete.
- **93<sup>rd</sup> street Trail** – Premier staff were responsible for all the civil engineering scope of the project that included pavement and cross walk design, drainage, traffic control and street signing. Design of this project was completed in 2011, and construction was completed in June 2013
- **91<sup>st</sup> through 93<sup>rd</sup> street Trail** – Premier staff were responsible for all the civil engineering scope of the project that included pavement and cross walk design, drainage, H&H modeling for bridge crossing, traffic control and street signing. Design of this project was completed in 2012. Construction will start as fund becomes available
- **Marion Park Trail** – We were truly excited to be part of the design team for this five segment trail that is located in the Marion park area of Kansas City. Our staffs were responsible for all the civil engineering scope of the project that included pavement and cross walk design, drainage, H&H modeling for bridge crossing, traffic control and street signing. Design of this project was completed in 2013. Construction will start as fund becomes available.
- **Smith Ville Lake Trail:** Premier Engineering was hired by Vireo (formerly Patti Banks Associates) to provide drainage design for this 8-mile trail along Smithville Lake. Ours staff designed all the drainage infrastructure (pipes, box culverts grading etc) per MODOT standards.
- **Storm Water Improvement at North Topping** – Premier Engineering was retained by the city of Kansas City for this project that included study, survey, hydraulic modeling, evaluation and estimates for the recommended improvements, coordination of improvement with adjacent watershed, design of improvements including green components, bidding assistance and limited construction observation. The project goal was to eliminate flooding in this residential neighborhood and the project was funded through PIAC. The design of this project was completed in 2012 and construction is 95% complete
- **Storm Water Improvement at N. Munger and Compton**– Premier Engineering was retained by the city of Kansas City for this project that included study, survey, hydraulic modeling, evaluation and estimates for the recommended improvements, coordination of improvement with adjacent watershed, design of improvements including green components, bidding assistance and limited construction observation. The project goal was to eliminate flooding in this residential neighborhood and the project was funded through PIAC funding. The design of this project was completed in 2012 and construction is 95% complete

Premier is uniquely qualified for the MoDOT Trails & Sidewalk On-Call because of the following:

- **Depth of Team Resources** – Our team includes key staff with the expertise and capacity to conduct any project efficiently and within schedule and budget. Our Trail Design team leaders are well versed and experienced in trail design. They are MODOT design veterans with years of stellar reputation in trail design. They will ensure that any trail design or related projects will be completed on time and with little or no issues. We have the technical knowledge to address any issues that may arise during the project and assist MoDOT's in making informed decisions. When selected for any task order Premier will assign appropriate team members to address all project tasks. The team members will be led by the design leaders described above.

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- **Prompt Service/Nimble Size** – While there are larger firms, our clients tell us that they appreciate the dedication, quick response, and attention to detail that Premier consistently delivers to their projects. We will be there when you need us and will return correspondence the same day we receive it.
- **Schedule** – Schedule is critical to the success of any project. Premier has a strong track record of completing projects with compressed schedules. We will commit our staffing to an aggressive project schedule, and we have the capacity to maintain continuous progress on any task order from this on-call bridge design.
- **Commitment** – Premier staff is committed to continuing a successful working relationship with the MoDOT and its partners. The trust and successful performance on past projects coupled with the superior client service and technical quality will form the foundation for our relationship.
- **Quality Control** – Premier has an established process for Quality Assurance and Quality Control (QA/QC), as well as Cost Control measures, and we include those procedures that are applicable to each project task. On highly complex projects we will have our project reviewed by an outside firm as part of the QC/QA process.
- **Diverse Project Workforce** – As a minority owned and operated engineering firm, we understand and appreciate the importance and need for a diverse project team. Premier Engineering Consultants is a proud and registered "Friends of the Y" member – a support group for the YMCA of the Greater Kansas City area. Our engineering staff consists of three male and one female engineer and all the engineers play significant role on every project.

Premier's Quality Assurance/Quality Control (QA/QC) process includes peer reviews of all documents that are produced from the inception through construction for all projects. Surveys are field checked, structural calculations are reviewed by a peer on the team, plans, special provisions and estimates are all peer reviewed with notes, questions and suggested amendments.

Please contact us should you have any questions or need any additional information. Thank you for your consideration, and we look forward to your positive response to our submission and to working with you!

Sincerely,



Raymond A. Okuagu

President  
Premier Engineering Consultants, LLC



# COMPANY CAPABILITIES

ENGINEERING SERVICES - CIVIL, STRUCTURAL, PROJECT MANAGEMENT

AREA	DESCRIPTION	
<b>Name</b>	Premier Engineering Consultants, LLC.	
<b>Specialty / Niche</b>	Expertise in Engineering Consulting Services that deliver highly specialized innovation, high quality, cost-sensitive solutions for today's infrastructures	
<b>Company Information</b>	Established: 2005 DUNS No.: 19-610-5824	
<b>Services</b>	<ul style="list-style-type: none"> <li>- Structural Engineering</li> <li>- Building               <ul style="list-style-type: none"> <li>• Industrial</li> <li>• Commercial</li> <li>• Institutional</li> <li>• Public facilities</li> <li>• Residential</li> </ul> </li> <li>- Transportation               <ul style="list-style-type: none"> <li>• Bridges</li> <li>• Foundations (Shallow &amp; Deep)</li> <li>• Retaining Walls</li> <li>• Culverts</li> <li>• Ramps</li> <li>• Platforms</li> <li>• Storage, Towers &amp; Tanks</li> <li>• Studies</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>- Civil Engineering</li> <li>- Design               <ul style="list-style-type: none"> <li>• Roadway/Highway</li> <li>• Site</li> <li>• Drainage Improvement</li> <li>• Storm &amp; Sanitary Swer</li> <li>• Water &amp; Waste Water</li> <li>• Traffic Engineering</li> <li>• Parking Studies</li> <li>• Peer Reviews</li> </ul> </li> <li>- Construction Management               <ul style="list-style-type: none"> <li>• Construction Observation</li> <li>• Project Management</li> <li>• Construction Inspection</li> <li>• Estimating</li> <li>• Scheduling</li> <li>• General Construction Services</li> </ul> </li> </ul>
<b>NAICS Codes</b>	541620 Environmental Consulting Services 541330 Engineering Services 236220 Commercial and Institutional Building Construction 237110 Water and Sewer Line and Related Structures Construction 541310 Architectural Services 541618 Other Management Consulting Services 541690 Other Scientific and Technical Consulting Services 541712 Research and Development in the Physical, Engineering, and Life Sciences 562910 Remediation Services	
<b>Professional Certifications</b>	<ul style="list-style-type: none"> <li>• PE - State of Illinois</li> <li>• SE - State of Illinois</li> <li>• SE - State of California</li> <li>• PE - State of Missouri, Kansas,</li> </ul>	<ul style="list-style-type: none"> <li>• MBE - City of Chicago, Kansas City</li> <li>• DBE - Kansas, Missouri</li> <li>• 8a - SBA</li> </ul>
<b>Primary Clients</b>	<ul style="list-style-type: none"> <li>• City of Kansas City</li> <li>• Yaeger Architecture</li> <li>• Walter P Moore</li> <li>• States of Missouri, Kansas</li> </ul>	<ul style="list-style-type: none"> <li>• Black &amp; Veatch Inc.</li> <li>• Burns and McDonnell Engineering</li> <li>• USACE</li> </ul>
<b>Supplier Diversity</b>	8(a) Certified - Expires 9/17/2018 M/W/DBE Certified - States of Kansas, Missouri & City of Chicago	
<b>Past Performance</b>	Full service Engineering & Environmental Consulting firm, specializing in Building Infrastructure, Transportation, Water and Wastewater, serving both the Private, Public and Industrial Sectors	Have been involved in the structural design of multi million dollar facility such as Arrowhead Stadium (\$400 million) and smaller facilities.
<b>Contact Information</b>	Raymond Okuagu, President rokuagu@preengcon.com 816.444.4137 (office) 816.444.5201 (fax)	7427 Troost Avenue. Suite B Kansas City, MO 64131 <a href="http://www.preengcon.com">www.preengcon.com</a>