

November 14, 2014

Mr. Kenny Voss, P.E.
Local Programs Administrator
Missouri Department of Transportation
PO Box 270
Jefferson City, MO 65102

Dear Selection Committee:

Wilson & Company is excited about the opportunity to assist our local Missouri communities with **Structures** related services as described in your RFQ dated October 1, 2014. Our firm has worked with municipalities, counties, and DOT's across the country with a variety of bridge projects. Wilson & Company is an ideal choice as your on-call consultant because of our regional and local knowledge, national experience, qualified staff, and the dedication to complete all assignments to meet your expectations.

Prequalification

Wilson & Company is currently listed on MoDOT's Approved Consultant Prequalification List May 2015. We will renew prior to this date.

Workforce Diversity

Wilson & Company is an Equal Opportunity Employer whose goal is to achieve a diverse workforce with job group demographics that are statistically representative of the local labor market. It is our policy not to discriminate in the terms or conditions of employment against any employee or an applicant for employment because of race, color, religion, sex, national origin, disability, physical or mental impairment, serious medical condition, pregnancy, age, sexual orientation, gender identity, veteran or military status, or marital status. Hiring decisions are based on the best-qualified candidate for the position based on skills, education, professional certification, job performance, contribution, and experience, and may give preference to veterans or persons with disabilities in certain instances. To achieve this goal, the company takes affirmative action, which includes periodic self-analysis of demographics, collection and analysis of applicant flow data, use of various recruiting sources and efforts, review and revision of internal policies and training to give qualified women, minorities, veterans and persons with disabilities access to the Company's employment opportunities. The results of our efforts are reflected in the diversity of our current workforce, including firm ownership. As you are aware, each assignment can vary based on task needs and availability of staff. With diversity existing in each office, meeting any diversity requirements on any specific assignment should not be an issue.

General Firm Experience

Founded in 1932, Wilson & Company serves private and public clients with sound fundamentals and common sense solutions. With offices in 14 states, we provide services to industrial and commercial corporations, private developers, energy and railroad companies, federal and municipal governments, public transportation agencies, institutional, primary and secondary education, and healthcare companies. Our company is ranked #179 in Engineering News Record's Top 500 Design Firms in the United States. The cornerstone of our success is Higher Relationships, standards of excellence in *Discipline, Intensity, Collaboration, Shared Ownership and Solutions*. These core values define our approach when working with clients. Our staff of over 400+ professionals includes mechanical, electrical, rail, civil and structural engineers; architects; planners; biologists; surveyors; GIS mapping specialists; construction managers; and inspectors.

Past Experience / General Approach

Wilson & Company provides a full range of bridge design capabilities from initial structure type studies to final design and plan preparation for new bridges, rehabilitations, widenings, and emergency repairs. Our bridge engineers are proficient in the latest AASHTO LRFD Specifications and strive to stay current with our client's policies and procedures. We have extensive experience and expertise in the following bridge related services:

Bridge Design

Our bridge team can provide a range of services from preparation of type selection studies, feasibility studies, comparative cost analyses, bridge configurations and layouts, and conceptual bridge plans to the preparation of Type, Size, and Location Plans (TS&L), preliminary cost estimates, and specifications. We will perform your bridge design in strict conformance with our internal quality policies and procedures. In addition, all designs will be in accordance with the current edition of the AASHTO LRFD Bridge Design Specification Manual and interims. We will also prepare the final construction cost estimate and finalize the Special Provisions needed to supplement the Standard Specifications.

Bridge Rehabilitation: Our bridge team understands that rising construction costs and dwindling funding sources have increased the demands on existing roads and bridges. As a result, bridges are required remain in service longer than originally designed and bridge rehabilitations have increased. Our bridge design team has extensive experience in bridge rehabilitation and bridge repair, including epoxy injections, Class I, II, & III deck repairs, and overlays. We are also experienced in preventative maintenances measures to extend bridge life including, chloride extraction, zinc metalizing, and cathodic protection.

In order to evaluate the over-all, long-term economic efficiency between competing preservation and replacement alternatives, we can conduct a Bridge Life Cycle Cost Analysis (BLCCA). This process takes into account expected performance periods, initial construction and maintenance costs, and user costs resulting from delays and detours.

Bridge Load Rating

Our bridge team will load rate existing bridges and new bridges in accordance with LRFR specifications. We have several bridge load rating software programs that we will use, including Virtis and LARS. Steve Kneip has completed hundreds of load rating during his time working for a State bridge bureau.

Key Personnel

Ric Johnson, PE – Project Director/ Project Manager

Ric has 30 years of engineering experience in the areas of transportation, water, wastewater, drainage, site development, and construction observation. This combination of field experience and design has given him a unique awareness of constructability issues that when addressed during the design phase, optimizes the project's goals and objectives. He has also served as City Engineer under contract for three municipalities. This distinctive opportunity allowed him to work closely with City staff, Councils and Commissions, Boards, Planning Commissions, and various sub-committees.

Ric has been involved in several context sensitive solution projects where a more practical approach to decision-making and design was considered. This design approach reviews impacts to the community, preserves the environment, provides scenic and aesthetic value where possible, while balancing the project need with other desirable outcomes, including historic preservation, environmental sustainability, and the creation of public spaces.

Steve Wilton, PE – Senior Bridge Engineer

Steve specializes in bridge design and leads Wilson & Company's Bridge Design Services in Kansas and Missouri. He has been involved in conceptual studies, structure type studies, preliminary and final design, preliminary and final plan preparation and designer construction services for many local public agency and state bridge improvement projects. Steve has been involved in QA/QC management, design and design supervision of bridges for highways, heavy rail, and pedestrian applications. Steve has served as Project Manager, Project Engineer and Design Engineer responsible for bridge/transportation structure design activities for over 30 years. His highway bridge design experience includes single and multi-span welded plate girder, structural steel beam, prestressed concrete beam and cast-in-place reinforced concrete slab, box culvert bridges and, more recently, post-tensioned cast-in-place concrete slab bridges. His experience is not only in bridges, but all types of transportation structures including retaining walls and drainage structures.

Steve Kneip, PE – Senior Bridge Engineer

Mr. Kneip is responsible for project schedules, project management, and independent design checks. Mr. Kneip has over 33 years of bridge design and management experience on all types of bridge structures, ranging from small stream crossings and pedestrian overpasses to major river crossings and interchange structures. He has also designed numerous bridge rehabilitations and widenings, conducted bridge inspections for various states for the National Bridge Inspection Standards (NBIS) program, and has performed hundreds of load ratings on all types of structures.

Familiarity / Capability

Staying abreast of local, state and federal rules and regulations is a component of our in-house training and professional development programs. Our staff routinely works on projects involving multiple state DOT's as well as federal agencies, so maintaining a current understanding of the requirements governing the technical, business and staffing areas is crucial to our business. We are also experienced in the documentation and plan preparation requirements for LPA funded projects. From a technical perspective, we stay current on updates to the AASHTO and MoDOT design requirements. We also thoroughly understand the State's permitting process and how this can impact the project schedule.

Accessibility

Two of Wilson & Company's core values are Shared Ownership and Intensity. This translates to a responsive, dedicated team that is committed to meeting the goals and objectives established for each and every assignment. The long-term relationships we have established with our DOT and local agency clients demonstrates our ability to consistently provide quality service and our staff's dedication to respond quickly and accurately to our client's questions and comments during the life of the project. We don't believe our role in the project ends when our portion of the work is completed; we stay engaged during and after construction of the project to ensure the overall project is a success, both in the eyes of our client as well as the public in general.

WILSON & COMPANY



Troy Eisenbraun, PE
Senior Vice President



Eric Johnson, PE
Senior Project Manager

Experience the difference.



WILSON
& COMPANY

discipline | intensity | collaboration | shared ownership | solutions

FOCUS

ON YOU

You are looking for sound planning, engineering, and architectural solutions. Why work with Wilson & Company? Over eight decades, we have resolved myriad challenges through our innovative approach to planning, project design, and implementation. In the process, we have acquired a comprehensive library of lessons learned. But, our experience isn't as important as yours. Your experience matters most, which is why we focus on your specific needs to deliver professional services with long-term Higher Relationships in mind:

Discipline, by doing it right, with attention to details without exception.

Intensity, by doing what it takes to meet and exceed your expectations.

Collaboration, by working together to bring out the best in the entire team.

Shared ownership, by adopting your goals as our own.

Solutions, by creating outcomes that achieve your goals in a win-win environment.

COMMITMENT

TO SAFETY

Wilson & Company's safety culture is built on the premise that all accidents and injuries are preventable. Our Take 2 Safety program promotes individual responsibility and accountability as well as team participation. We consistently reinforce our safety principles with education and training.

DOT drug screenings and background checks

Office and job site safety meetings

Office safety inspections

Member of ISNetwork

Member of PICS Auditing

“*Delivering solutions to our customers, while building sustaining relationships, defines Wilson & Company.*”

C. Scott Croshaw, PS
Vice President, Albuquerque
Employee since 1994

**WILSON
& COMPANY**

Safety Program
TAKE2

TRANSPORTATION

- Transportation Planning
- Environmental Planning
- Permitting
- Public Involvement
- Traffic Engineering
- Highway & Street Design
- Interchange Design
- Bridge & Structures Design
- Right-of-Way

ENERGY

- Oil, Gas, Chemical, Midstream & Pipeline Services
- Pipeline Mapping, Routing, ROW Acquisition & Environmental
- Terminals, including Loading & Unloading Facilities
- Storage in Transit (SiT)
- Storage Tanks
- Rail Integration & Operations
- Controls, Skids, Launcher/Receiver, Meter Sites, Valve Sizing & Tie-in
- Piping Plans, 3-D modules, P&IDs, Isometrics, Electrical Classifications, Cathodic Protection & Corrosion Control
- Fire Protection & Safety System Requirements

RAIL

- Capacity Improvements
- Site Master Planning / Industrial Development
- Structures / Bridges / Culverts
- Intermodal Facilities & Automated Gate Systems (AGS)
- SiT / Storage / Automotive / Classification Yards
- Operations Analysis / 3rd Party Reviews
- H & H Studies
- Emergency / Accident Services
- Fueling, Sanding & Locomotive Facilities
- Grade Crossing, Quiet Zone, & Build Out/Build In Studies
- Bridge & Track Inspection and Management Programming
- Industrial Waste Treatment

FEDERAL

- Water Resources, Flood Control, Dam Safety, Assessments & Certifications
- Comprehensive Surveying, Mapping, Remote Sensing & Geospatial Services

MANUFACTURING & DISTRIBUTION

- Manufacturing
- Distribution
- Industrial Land Development
- Food & Beverage
- Industrial
- Consumer Goods
- Developer Driven
- Vehicle Maintenance

MUNICIPAL

Water Resources

- Storm Water System Planning & Design
- Flood Control, Dams, Levees & Channels
- Water, Wastewater & Reuse Utility Systems
- Utility & Drainage Master Planning

Public Works

- Urban Roadways
- Parking, Traffic Circulation
- Parks & Recreation

Land Development

- Commercial & Industrial
- Residential & Urban Site Development
- High Density Transit Oriented Development
- Low Impact Sustainable Development
- Master Planning

Architecture

- Education
- Government
- Industrial
- Commercial & Retail
- Sports & Athletic Facilities
- Justice & Correction

SERVICES

Surveying

- Laser Scanning, Photo Control, Topographic, Seismic, Bathymetric & Geodetic
- Right of Way Mapping, Boundary & Platting
- Construction Staking

Geospatial & Remote Sensing

- Photogrammetric & LiDAR Mapping
- Digital Orthoimagery
- GIS Analysis & Database Development
- Imagery & LiDAR Acquisition

Real Estate

- Rights of Entry
- Title Research
- Right of Way & Land Acquisition

Innovative Contracting/Alternative Delivery

- Design-Build
- CM/GC (CMAR)
- Program Management
- Innovative Contracting Procurement & Implementation
- EPL & EPCM
- Value Engineering

Environmental

- Water Quality Evaluations
- Wetlands, Noise Analysis & Air Quality
- NEPA Documents
- Environmental Site Assessment & Remediation
- Urban Redevelopment & Municipal Brownfields

Construction Management & Inspection

Innovative Funding Assistance & Grant Writing

Mechanical & Electrical Engineering



OFFICE LOCATIONS

