

November 15, 2013

Kenny Voss P.E.
Local Program Administrator
Missouri Department of Transportation c/o Mary Ann Jacobs
105 West Capitol Avenue, P.O. Box 270
Jefferson City, Missouri 65102

Re: Request for Letters of Interest, **Missouri's Local Program: On-Call Structures Design Services**

Dear Mr. Voss:

CFS Engineers is excited for the opportunity to provide **Missouri's Local Program: On-Call Structures Design Services** to the Missouri Department of Transportation's LPA program. Our firm has specialized in bridge engineering for the past 52 years and our extensive knowledge of bridge engineering is our strength.

Key benefits to selecting the CFS Team include:

- CFS Engineers and specifically **Project Coordinator, Angelo Mannino has over 43 years of experience** providing design expertise in transportation projects.
- CFS Engineers and specifically our **Bridge Project Engineers, Kenny Blair and Bob Chambers each have over 30 years experience** in bridge and retaining wall design.
- CFS Engineers has recently opened **offices in Springfield and Branson, MO** and have staffed these offices with senior, experienced engineers who have relocated to the area. This provides CFS a network of offices that will allow us to provide the client access and level of service throughout the state that MoDOT will expect from the selected On-Call provider.
- CFS Engineers' investment in and use of the **new Riegl VZ-1000 3-D Terrestrial Laser Scanner** will increase the speed and accuracy of our bridge surveys and ultimately our mapping, shortening the timeline significantly.
- CFS has demonstrated the ability to fast-track projects. We have delivered six municipal design-build projects over the last two years without any delays to the contractors. We were also part of a design team that completed the design of Clay US-169 interchanges at 96th Street and 108th Street in **4 months** from Notice to Proceed.
- **CFS understands On-Call clients' needs.** We have served as an on-call bridge engineer for KDOT and have represented their interests as well as other government agencies involved. We know the steps needed to get approvals from all parties to deliver projects on time and under budget.

Firm Background and Qualifications

CFS is a leading provider of professional engineering and surveying services. Our staff of approximately 80 professionals offers client-focused solutions for transportation, structural, geotechnical and environmental engineering. We consider it a privilege to have partnered with DOT's in their LPA programs for the past half-century, and we are just as committed today to our core values of service, as when we began in 1961.

Our work has been recognized, our achievements celebrated and our efforts rewarded. Several CFS led projects have received national awards for creativity and design including top industry awards for engineering excellence. Our commitment to quality has earned CFS a Top 20 spot among Top Bridge Design firms nationwide for the past 3 years (Source: *Roads and Bridges Magazine*). The engineers at CFS bring to each project, the benefit of fresh perspective to ensure innovative solutions produced in an efficient, professional and timely manner.

The following are key points that make CFS highly qualified to serve the LPA Program:

- 80+ member firm with an extensive bridge design portfolio spanning 52 years
- Bridge engineers with BRO and LPA experience and familiarity
- QC/QA Program in place to ensure efficient plan delivery
- Committed to good stewardship of resources allotted to this on-call project

Staff Experience

Sabin Yañez, P.E., Principal in Charge - Mr. Yañez has over 28 years of experience in transportation engineering and currently serves as the CFS liaison to Missouri as well as other transportation clients. With over 19 years of experience working for the Missouri Department of Transportation, Mr. Yañez has significant experience with the state and federal funding processes for county and city projects.

Angelo Mannino, P.E., Bridge Project Coordinator-Mr. Mannino is Transportation Engineer with 43 years of experience. **His role is to be our project coordinator to insure all steps of the MoDOT LPA process are covered. This work entails the coordination with the Transportation Groups designs for the roadway, the bridge approach and the Preliminary Bridge Surveys. He then monitors the preliminary and final bridge designs which have been given to the CFS Bridge Design Group. He manages the entire roadway and bridge project together to produce contract plans.**

Charles LePage, P.E.-Bridge Project Coordinator Mr. LePage is a Transportation Engineers manages the Branson and Springfield offices. He has coordinated bridge design on many project and taken the process from Preliminary Bridge Surveys to Contract plans.

Kenny Blair, P.E., Bridge Engineer—Mr. Blair is the Structural and Design Engineer in responsible charge of the firm's overall bridge and building design and structural inventory and appraisal procedures. He has over 32 years of experience in the bridge engineering industry and his background includes extensive work with local, state and federal agencies.

Bob Chambers, P.E., Bridge Engineer- Mr. Chambers currently serves as the firm's Structural Design Engineer for highway bridges as well as structural inventory and appraisal. He serves as CFS' lead engineer on KDOT's On-Call contracts and has over 30 years of experience. Mr. Chambers has also served as client contact for MoDOT and several counties throughout Missouri.

Gene Petersen, P.E., Bridge Engineer—Mr. Petersen has performed various duties for the firm such as bridge inspection, bridge design and construction inspection. He has also performed Biennial Bridge Inspections, 5-Truck load rating of county bridges, hydrologic and hydraulic backwater analysis of various stream crossings, and structural design of substructures for haunch slab and pre-stressed beam bridges.

Firm Location

Our offices are located in Kansas City, Springfield, and Branson which allows for easy coordination with MoDOT and most Cities and Counties in the Central and Western half of the state. We also have an office in Topeka to support all of our offices.

Workload

The total CFS backlog of roadway and bridge projects is minimal. Although we have other work in the wings, we are always ready to help maintain the LPA bridge system. **Our firm has the resources available to maintain or accelerate schedules as needed. We understand these repairs and replacements may require short notice and some are potentially urgent in nature. We can commit personnel to address project needs as quickly as needed.**

Similar Experience

CFS has provided bridge engineering services to communities and agencies throughout the region since our beginning. Because of this long history, our firm has developed an impressive portfolio of bridge work. The following projects are only a sampling of the extensive list our firm has accumulated.

North Cass Parkway, Cass Co., MO—CFS provided engineering services for construction of a new diamond interchange at US 71 Highway and North Cass Parkway. This project included design of a 5 lane pre-stressed concrete I-girder bridge over I-49.

Rte. C over Scattering Creek, Audrain Co., MO—This project included bridge memorandum, design layout documents for deck replacement and other bridge repairs, design of final plans and estimates.

CFS also boasts a listing of over the following BRO Bridges:

Bee Creek Bridge Repair and Replacement-Platte Co., MO
Br. 134000.7 BRO-083 (7)-Platte Co., MO
Br. 190001.8 BRO-083 (8)-Platte Co., MO
Br. 067002.9 BRO-083 (10)-Platte Co., MO
Br. 196000.5 BRO-083 (11)-Platte Co., MO
Bridge replacement, Site 085 000.1, BRO-083 (13)-Platte Co., MO
Bridge replacement, Site 100 000.4, BRO-083 (14)-Platte Co., MO
Bridge replacement, Site 082 000.3, BRO-083 (12)-Platte Co., MO
Br. No. 058002.6 over Jowler Creek-Platte Co., MO
Thomas Street over Benner Branch-Platte Co., MO
Bridge No. 1120004, BRO-B019 (32) over Big Creek-Cass Co., MO
Grand River Road Bridge Replacement Project-Cass Co., MO
Broadman Road Bridge Replacement Project-Cass Co., MO
Br. No. 02200001, BRO-B019-Cass Co., MO
Br. No. 3000006, BRO-B019-Cass Co., MO
Br. No. 3290013, BRO-B019-Cass Co., MO
Br. No. 2170001-Cass Co., MO
Br. No. 51100101-Cass Co., MO
Br. No. 4520013 over Big Creek-Cass Co., MO

Performance Record

CFS has demonstrated strong civil engineering capabilities for towns, cities, counties and state agencies. Meeting established schedules and maintain high standards of quality are of critical importance to our team. CFS has worked alongside MoDOT to develop and maintain a high standard for our State's transportation system. We understand the need for projects to be addressed quickly with little disruption to the system while adhering to budgetary constraints.

CFS has demonstrated time and again that we can produce a project that addresses each of these points. Because of our experience and past performance with MoDOT, we believe our firm is best qualified to provide the level of service MoDOT expects and deserves.

DIVERSITY

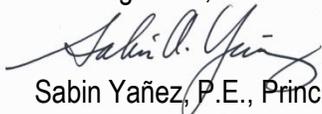
At Cook, Flatt & Strobel Engineers our employees are what makes our business great. CFS is an equal opportunity employer, committed to hiring the most qualified candidate for any position; a policy that has resulted in a substantially diverse workforce. We incorporate our unique educational, managerial, political, ethnic and socioeconomic backgrounds to produce quality services that reflect the diversity of our team.

We work to develop opportunities and interest in CFS Engineers by actively hiring summer interns and provide opportunities and encouragement for students by sharing our enthusiasm for engineering at school sponsored college-career days. Our differences, our experiences and our passion make us a resilient, hardworking and dependable firm committed to diversification.

We appreciate the opportunity to present CFS Engineers, P.A. for LPA On-Call Structures Design services for consideration.

Respectfully,

CFS Engineers, P.A.



Sabin Yañez, P.E., Principal

CFS

ENGINEERS

cfse.com

One Vision. One Team. One Call.

Company Competencies November 15, 2013

- Structures
- Roadway Design
- Trails and Sidewalks
- Construction Inspection
- Traffic Engineering & TEAP



Kansas City, Missouri
9229 Ward Parkway
Suite 110
Kansas City, MO 64114
816.333.4477

Branson, Missouri
119 W. Pacific Street
Branson, MO 65616
417.544.4507

Springfield, Missouri
3816-A S. Greystone Ct.
Springfield, MO 65804
417.893.6030

Kansas City, Kansas | Topeka, Kansas | Lawrence, Kansas | Wichita, Kansas

One Vision. One Team. One Call.

CFS is a leading provider of professional engineering and surveying services. Our staff of over 70 professionals offers client-focused solutions for transportation, public infrastructure, structural, construction, and geotechnical engineering. We consider it a privilege to have partnered with communities for the past half-century, and we are just as committed today to our core values of service, as when we began in 1961.

Our work has been recognized, our achievements celebrated and our efforts rewarded. Several CFS led projects have received national awards for creativity and design including top industry awards for engineering excellence.

We are more than an engineering firm. Our team includes dynamic professionals passionate about tackling challenges and creating “real-world” solutions. CFS integrates a broad range of services within one organization offering unique comprehensive approaches to all of our clients.

CFS is also listed on the MoDOT's Approved Pre-Qualification List.

Engineering and design services include:

- Transportation
- Planning
- Survey
- Bridge/Structures
- Construction Inspection
- Public Utilities
- Geotechnical
- Site Development
- Multi Modal

52 years of Civil
Engineering and Survey Service

We make sure all stakeholders
share an identical **Vision.**

Communication with all
Team members ensures
successful outcomes

CFS offers a variety of engineering
services in-house. We're just a
phone **Call** away.

Award Winning
Service

CONTACT:

Kansas City, Missouri
9229 Ward Parkway
Suite 110
Kansas City, MO 64114
816.333.4477

Branson, Missouri
119 W. Pacific Street

Branson, MO 65616
417.544.4507

Springfield, Missouri
3816-A S. Greystone Ct.

Springfield, MO 65804
417.893.6030

Roadway Design. We at CFS believe all successful transportation projects are founded on three key elements: planning and design expertise, on-going communications with stakeholders and clients, and delivery on budget and as scheduled. This is the mind set we take into all of our projects.

Roadway design services includes:

- Location Studies - Corridor Planning
- Local Street Planning Urban/Rural Arterial Design
- Freeway Design
- Multi-level Interchange Design

Recreation & Trails. With our in-depth experience working with local public agencies, we have seen a tremendous growth in several communities' desire to provide infrastructure that enhances the quality of life for all. Citizens see trails and pathways as necessities to create thriving, exciting, and vibrant areas. Over the last 10 years CFS has provided professional engineering services to over 15 communities accounting for over 75 miles of trails and multi-use pathways.

CFS offers these benefits:

- Trailhead Design
- Trail Gateway Design
- Multi-Use Pathway Design
- Shelters/Restrooms
- Maintenance Facilities

Construction. When investing public funds, communities want assurance their finances are invested wisely and efficiently. Construction administration, inspections and observations are the insurance for accomplishing this goal. Since the inception of our firm in 1961, CFS has provided construction inspection services. We have built a staff of highly trained and certified construction inspectors with experience in managing LPA projects through the necessary MoDOT and federal processes. We have assisted numerous clients with the completion of many types of public infrastructure projects, including roadways, bridges, structures, water and waste water systems and utility projects.

Construction services comprise of:

- Communication & project coordination with client and stakeholders
- Pre-construction meetings
- Coordination with utility companies
- Material Certifications
- Monitoring Roadway construction activities
- Maintaining complete project documentation
- Preparing pay estimates and change orders
- Providing Periodic reports to the Client
- Conducting final inspection and final pay estimates
- Conducting weekly contractor progress meetings

Roadway Design Projects



Longview Road
Kansas City, Missouri

Trails and Sidewalks Projects



**Route 9
Pedestrian & Bike
Trail**
Parkville, Missouri

Construction Inspection



**Horizons
Parkway**
Riverside, Missouri

Traffic Engineering & TEAP. As communities change and grow, it is critical to maintain a safe and efficient transportation network. This effort often includes the analysis of traffic conditions, regarding flow, congestion, accidents and changes in land use. Analyses can also involve the interplay of vehicles with pedestrians, bicyclists and public transit. Solutions that can come from these types of studies can be signalization of intersections, roadway geometric improvements, enhanced signing, striping and lighting.

Benefits of CFS' Traffic Engineering incorporates:

- Traffic Counting
- Safety Auditing
- Traffic Modeling
- Bicycle/Pedestrian Level of Service Analysis
- Roadway Alternatives Analysis
- Signal Design (including Pedestrian signals)
- Signing Design
- Pavement Marking Design
- Lighting Design

Structures. Bridges are the foundation of CFS. Whether it's a design for highway separations, pedestrian bridges, long span railroad crossings or stream crossings, CFS can determine and execute the most suitable design and construction approach. We are constantly seeking new technology in highway and bridge design in order to assist our clients in achieving the safest, most efficient and convenient movement of people and goods.

In addition, CFS has provided load rating and biennial inspection services for thousands of existing bridges throughout the Midwest. We also perform structural inspections on over 800 bridges each year.

Our structure endeavors consist of:

- Highway Separations
- Pedestrian Bridges
- Long Span Railroad Crossings
- Stream Crossings
- Bridge Design and Inspection
- Bridge Rehabilitation
- Structural Analysis
- Load Rating
- Biennial Inspections
- SI & A Sheets

Traffic Engineering & TEAP



**Kearney
Route 92
Analysis**
Kearney, Missouri

Structures



**North Cass
Parkway**
*Belton/Raymore,
Missouri*