



November 14, 2014

Mr. Kenny Voss, PE
Local Program Administrator
Missouri Department of Transportation
105 West Capitol Avenue
Jefferson City, Missouri 65102

RE: Letter of Interest - On-Call Professional Services – Construction Inspection

Dear Selection Committee:

This letter is in response to the request for letters of interest for on-call professional services for construction inspection. The Tetra Tech team has the technical skills, experience, and critical thinking necessary to provide Missouri's Local Program (LPA) with the highest level of professional construction phase services. Our staff understands that value added collaboration with all parties along with foresight and communication are keys in successfully delivering construction projects.

GENERAL EXPERIENCE OF FIRM

Established in 1966, Tetra Tech is a leading provider of consulting, engineering, and technical services worldwide. We are a diverse company, including individuals with expertise in science, research, engineering, construction, and information technology. Our staff includes a regional transportation group of 22 engineers, engineer interns, and technicians. Hundreds of construction professionals and experts from around the county supplement our regional construction services staff.

As one of the leading construction engineering firms in the United States, Tetra Tech provides a full range of services to federal, state, municipal, and private sector clients. We have been providing construction materials testing and inspection services since 1989. Our experience includes municipal, county, state and interstate roadway and bridge inspection and management. Each of the projects Tetra Tech has been involved in had varying degrees of coordination with independent utilities, public utilities, railway, environmental regulatory agencies, design engineers, and media outlets to name only a few. Tetra Tech develops a communication plan prior to commencement of a project to ensure all entities involved or affected will be informed and have their interests heard and evaluated.

FAMILIARITY / CAPABILITY

Tetra Tech is committed to serving Missouri's Local Program. The Tetra Tech team has extensive familiarity with federal-aid projects and has continually demonstrated the ability to effectively deliver and close federal-aid projects consistently with very few State or FHWA audit comments.

Over the past decade, Tetra Tech has provided construction management services for the Oklahoma Department of Transportation (ODOT) on a wide range of projects including bridge replacements, new roadway alignments, bridge rehabilitations, pavement surface rehabilitations, full depth pavement rehabilitations, and Americans with Disabilities Act (ADA) compliant sidewalks. Our construction services group includes construction engineers, full-time inspectors, and a full array of engineering and technical staff available. Tetra Tech is well-suited to provide the services requested in the project solicitation. Although our technicians are not certified with the MoDOT currently, our expectations are to send two technicians to the next available courses. In addition, Tetra Tech will subcontract testing services with a qualified firm certified by MoDOT.

Mr. Geoff Covalt, PE, will serve as project manager and resident engineer, and Mr. Matt Moshiri, PE, will serve as resident engineer for the various task orders. Both Mr. Covalt and Mr. Moshiri have extensive experience in varying size and scale, and were previously employed by Oklahoma DOT. This provides our team with a unique perspective that allows us to view each aspect of construction with a critical eye to ensure that all codes and requirements are being met.

The project team Tetra Tech has assembled for Missouri's Local On-call Program has a history of successfully completing projects similar to the work included with this contract. We fully integrate our sub-consultants into our project team and value their expertise and ability to contribute to the overall project success. Materials testing services for the project will be provided by locally qualified materials testing firms with a preference to those qualified in the Disadvantaged Business Enterprise (DBE) Program.

We have recently completed similar construction management projects for ODOT and understand the importance of adhering to codes and regulations required by the state, and meeting safety requirements to ensure that all staff is provided a safe environment in which to work. We have a depth of experienced staff available to commit to an LPA project to assure completion to meet the LPA's delivery needs.

Our staff is constantly working to assure that all regulations, safety measures, and schedule milestones are being met throughout the project. **We understand our responsibility to provide value to the LPA by thoroughly evaluating every stage of construction, and addressing constructability issues for the duration of each project.**

QUALIFICATIONS OF PERSONNEL

Geoff Covalt, Oklahoma PE, will serve as Tetra Tech's primary point of contact for construction management. Mr. Covalt has over 19 years of experience in construction management. As Tetra Tech's Construction Group Leader for the Central Region, he is responsible for managing a team of over twenty (20) including on-site representatives, administrative and construction technical staff. He understands communication with the owner, contractor and construction team, and that judicious decisions are key in delivering successful projects. Previous experience and responsibilities include management of four asphalt plants and crews (approximately sixteen people), four asphalt paving crews (approximately forty people) and office support (includes office managers, accountants and construction oversight personnel). He has managed the construction of over \$200M of transportation projects. Mr. Covalt's projects have received various construction awards.

Matt Moshiri, Oklahoma PE, brings his 20 years of engineering experience to every project. His time spent working for the Oklahoma Department of Transportation (ODOT) equipped him with many skills such as the ability to supervise large staff, issue change orders and estimates, implement plans and specifications, administer contracts, and complete final walk-throughs. Mr. Moshiri is familiar with all aspects of a construction project and knows the importance of client satisfaction. He works diligently to achieve the best results and efficiency for each project and client. He has previously handled \$3M annually on coating inspections of bridge beams and structures.

Neill Pulliam, Oklahoma PE, is a chief engineer for Tetra Tech with over 20 years of experience in the design and construction administration of various civil engineering projects including highways, roadways, airports, bridges, and drainage. His experience includes significant interaction with contractors and provides the necessary insight to anticipate possible design and construction problems, to understand construction procedures and sequences, to coordinate with funding agencies, and to interact with contractors as warranted to complete the construction project efficiently and within the allotted budget. The numerous years of experience and involvement with the construction of heavy civil engineering projects has afforded Mr. Pulliam the unique opportunity to conduct many constructability reviews during design. These reviews have mitigated unnecessary change orders during construction for the benefit of the overall project.

John W. (Bill) Barker, PE, has over 35 years of experience managing transportation projects across the U.S. His work has resulted in awards from the Precast Concrete Institute and the Kansas City APWA. Prior to Tetra Tech, Mr. Barker served as Structural Department Manager for HNTB in Tulsa, HDR in Boston, and TranSystems in Kansas City. His MoDOT experience includes Mexico City Avenue over I-435, I-435 over Todd Creek, and four other bridges along I-435 in Platte County.

Jason Lanik is a certified Oklahoma Department of Transportation Highway Construction Materials Technician. He has performed field and laboratory testing on various construction materials, and quality assurance and quality control of various structural and roadway projects. He has a very good understanding of how to apply information



gathered from specifications and drawings, and he is proficient in logging geotechnical and environmental borings, as well as performing field soil classification.

James Oney has over 16 years of experience in the construction administration field, and eight of those have been with Tetra Tech. He has vast experience in large federally funded highway and arterial street projects as well as many hours of specific job training and college courses, which he utilizes in his role as an inspector and on-site representative on construction projects. Mr. Oney has experience and training in Auto CAD drafting, surveying, and construction materials testing.

James Hammond, EI, joined Tetra Tech in 2012 after working as a Field Engineer for Massman Construction Company. With Massman, James was responsible for quality control in the field for concrete placement, reinforcing steel layout, steel erection, post-tensioning steel, heavy crane lifting, barge floatation, steel connections, and demolition. He is well-versed in AASHTO LRFD bridge design and MoDOT specifications.

ACCESSIBILITY

The key Tetra Tech team members that will be assigned to provide on-call professional services are located in our Leawood, Kansas office. We have an established record of responsiveness to our client's needs which is highlighted below in past performance. We are diligent about meeting project milestones. We value a strong line of communication, and we take great care to respond quickly to client communications. In addition, we timely convey any project issues or consequential information to our client.

PAST PERFORMANCE

An illustration of our past performance record includes work in which Tetra Tech was selected by the Oklahoma Department of Transportation Division IV to provide **construction management services for a pavement rehabilitation** project on I-44 mandated to be performed during nighttime hours. This project consisted of a **panel replacement, dowel bar retrofit and diamond grinding**. The contract was performed expeditiously with little incident on very heavily travelled interstate. The final product continues to perform well and provides a smooth thoroughfare for those who travel this route. The project required a consistent and intense need to monitor traffic control ensuring lights were working properly, retro-reflectivity on all devices, people met specifications, and all devices placed and spaced according to the Manual on Uniform Traffic Control Devices and ODOT standard drawings. **This project was constructed on time and under budget.**

Our successful past performance is due not only to our highly capable people but also to the seriousness with which we approach QA/QC as an organization. If you have not had a chance to review our QA/QC plan provided as part of our prequalification information, we invite you to do so. It applies not only to bridge design services, but to all engineering and consulting services we provide.

COMMITMENT TO WORKFORCE DIVERSITY

Tetra Tech has a long history of meeting workforce diversity goals and is a strong believer in workforce diversity. Tetra Tech's overall staffing includes 21% minorities and 29% women, and we receive high marks and awards for our disadvantaged and small business programs.

We look forward to hearing from you and the opportunity to serve Missouri's Local Program.

Sincerely,
Tetra Tech, Inc.

A handwritten signature in blue ink, appearing to read 'G. Covalt', written over the typed name.

Geoff Covalt, PE
Vice President



TETRA TECH



Construction Phase Services

Tetra Tech is a leading provider of consulting, engineering, and technical services worldwide. We are a diverse company, including individuals with expertise in science, research, engineering, construction, and information technology. Over the past decade, Tetra Tech has provided construction management services on a wide range of projects including sidewalks, roadways, bridge rehabilitations, and bridge replacements, as well as water and wastewater facilities.

Tetra Tech draws upon experience from worldwide locations and time-tested approaches to offer an innovative line of construction management services. Tetra Tech differentiates itself from the competition by our ability to combine big company competency with small company responsiveness. We have the size and technical skills to tackle virtually any project for clients located throughout the United States. Our expertise covers the full-range of development and construction services, allowing us to oversee a project from inception to occupation.

Inspection Administration Services

- Bridge Paint
- Bridge Reconstruction
- Bridge Rehabilitation
- Pavement Rehabilitation
- Intersection Improvements
- Infrastructure Facilities
- Contractor Management
- Document Preparation and Delivery
- Bridge/structure Inspection
- Utility Inspection
- Quality Control/Assurance
- Coatings/lead Abatement Inspections
- Constructability Reviews
- Construction Engineering Inspection



Service Areas and Experience



Double-Decker I-244 Westbound Arkansas River Bridge, OKDOT

Tetra Tech was responsible for startup of quality assurance inspections, materials testing review, review of submittals, monthly reporting and documentation, coordination for resolution of request for information, design changes, and final inspection documentation for this multi-modal double-decker bridge constructed using TIGR Grant funding.



SH-4 Roadway Widening, OKDOT

This project provided inspection services for a 2- to 4-lane widening to meet the City of Yukon's growing residential and commercial development. This project required the interfacing of City of Oklahoma City, City of Yukon, residential developers, citizens of both Cities, the Union Pacific Railroad and industrial business. In addition to the shareholders above, a new state of the art high school is under construction. The five-mile-long project was completed on time and on budget.



Beckham & Kay Counties Tourist Information Centers, OKDOT

Tetra Tech provided construction oversight for the construction of the transportation upgrades, parking and site improvements, updated water and wastewater system for the two new centers in Oklahoma. Transportation improvements included new entrance and exit ramps and parking lots to meet the latest ODOT and AASHTO design criteria. Water and wastewater improvements include new water storage facility and piping, new wastewater lagoons, land application system, septic tank and site piping.



Statewide Bridge Painting, OKDOT

Tetra Tech has provided on-call inspection services for various bridge paint and lead abatement projects for the past seven years. These projects require monitoring of containment, cleanup, storage, and handling of all hazardous material. Tetra Tech has six NACE and eight SSPC certified inspectors that handle all painting contracts. Tetra Tech monitored the containment, cleanup, storage, and handling of all hazardous material that resulted from the cleaning process.

Tetra Tech Facts

Safety
Partnership
Commitment
Knowledge
Communication
Excellance

Certifications:
Oklahoma Materials Sampler
Michigan ACI Concrete
NACE Level-2
NACE Level-1
SSPC C-3/C-5 Certified

- Annual Revenue: \$2.6B (FY2013)
- NASDAQ Symbol: TEK
- 14,000 employees worldwide
- 330 offices worldwide

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