



**Missouri's
Local
Program**
*for community
development*

COVER SHEET

(This must accompany your firm's letter of interest and does not count in the page limit)

Firm's Full Legal
Name:

Burns & McDonnell Engineering Company, Inc.

Firm Contact Name:

Ronnie Williams

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Address:

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9400 Ward Parkway, Kansas City, MO 64114

Work Category:

- Roadway Design
- Trails & Sidewalks
- Construction Inspection
- Traffic Engineering & TEAP
- Structures
- Environmental
- Historic Preservation
- Multimodal Planning / Systems and Facilities Design
- Transportation Planning – **NEW CATEGORY**

December 12, 2025

Ashley Buechter, PE
Local Program Administrator
Missouri Department of Transportation
1511 Missouri Blvd
Jefferson City, MO 65102

Re: LPA On-Call Professional Services – Environmental

Dear Ms. Buechter:

Every assignment undertaken by a local public agency (LPA) is important, and regardless of its scope or complexity, it fulfills a commitment to improving mobility and safety throughout Missouri. As a trusted partner to numerous agencies over the years, Burns & McDonnell understands the diverse range of projects delivered by local agencies in Missouri and the various professional services required to make them successful. We are pleased to express our interest in providing **on-call environmental services** to local public agencies seeking prequalified firms.

GENERAL EXPERIENCE OF FIRM

For over 30 years, Burns & McDonnell has provided environmental services to Local Public Agencies (LPAs) throughout Missouri. As a current MoDOT-prequalified firm and the largest engineering firm in the state, we are proud to have more than 5,000 professionals in Missouri and over 12,000 employee-owners worldwide. This depth gives us the experience and geographic diversity necessary to support a wide range of environmental projects and resource needs.

Our specialists are industry leaders in grants, policy, and planning, and are well-versed in the requirements of the MoDOT EPG. Whether you need traditional design services, specialized studies or augmentation of existing staff, our professionals are ready to assist with one goal in mind: *to make our clients successful*. With offices in Kansas City and St. Louis, we are committed to being accessible and responsive to the needs of Missouri’s LPAs whenever they arise.

PAST PERFORMANCE

Burns & McDonnell’s long-standing relationship with MoDOT includes a track record of safely completing projects to high-quality standards, on time, and within budget. Our experience providing NEPA documentation and supporting environmental services includes the following projects:

US-169/Buck O’Neil Bridge over the Missouri River EA | Kansas City, Missouri—Burns & McDonnell completed an environmental review to support improvement of the US-169 crossing of the Missouri River in downtown Kansas City as part of the *Beyond the Loop Planning & Environmental Linkages (PEL) Study*. Reasonable alternatives from the PEL were carried forward into the NEPA process through the development of an EA, agency coordination, conducting resource surveys, and assessing impacts in a manner that supported design-build implementation of the project and minimized the need for re-evaluations. Our staff coordinated with the Kansas City Aviation Department and the Federal Aviation Administration (FAA) to address impacts specific to the Charles B. Wheeler Downtown Airport while surveying more than 120 architectural resources within downtown Kansas City to receive concurrence on their eligibility for listing in the National Register of Historic Places from the Missouri State Historic Preservation Office (SHPO).



Our staff supported consultation under Section 106 of the National Historic Preservation Act, Section 7 of the Endangered Species Act, and Section 4(f) of the DOT Act; including developing a Section 106 Programmatic Agreement (PA) and Section 4(f) *de minimis* determinations for historic properties (including a *Programmatic Section 4(f) Evaluation for Projects that Necessitate the Use of Historic Bridges*) and recreation resources. The EA was developed under an accelerated schedule, with a separate chapter focused on impacts to the Airport. This format allowed the FAA to issue a FONSI/ROD in conjunction with FHWA’s FONSI in May 2021.

US-69 Bridges over the Missouri River EA | Platte County, Missouri, and Wyandotte County, Kansas

Burns & McDonnell led the NEPA process to improve the crossing of US-69 over the Missouri River. Early agency coordination and public outreach enabled the study team to eliminate a potentially controversial alternative early in the process, allowing FHWA to downgrade the study from an EIS to an EA. The resulting FONSI was issued by FHWA on November 13, 2013—nearly one year earlier than the originally anticipated completion date. Our team assessed alignments for the new crossing, including the removal of two NRHP-eligible sister bridges, and worked with MoDOT's Historic Preservation specialists to develop a Memorandum of Agreement, which was approved by the Missouri SHPO and FHWA. This effort supported MoDOT and FHWA effects determination under Section 4(f) and led to FHWA's approval of a *Programmatic Section 4(f) Evaluation for Projects that Necessitate the Use of Historic Bridges* on October 31, 2013.



MO-291 Bridges Over the Missouri River CE2 | Jackson County, Missouri

Burns & McDonnell is completing a CE2 for the replacement of the NRHP-eligible Liberty Bend Bridge (northbound MO-291) and repair of the southbound MO-291 bridge over the Missouri River and adjacent to LaBenite Park (City of Sugar Creek). Burns & McDonnell led coordination with the City of Sugar Creek, Missouri Department of Natural Resources (MDNR, Missouri State Parks, and the National Park Service to obtain a temporary non-conforming use determination under Section 6(f) for the temporary use of LWCF-acquired lands within the LaBenite Park during construction without requiring a permanent conversion. Burns & McDonnell also developed a Section 106 PA for mitigation for the bridge and to conduct archaeological surveys prior to initiating construction; and completed a *Programmatic Section 4(f) Evaluation for Projects that Necessitate the Use of Historic Bridges* for Liberty Bend Bridge and a Section 4(f) de minimis determination for LaBenite Park pending approval by FHWA. Burns & McDonnell biologists also assisted MoDOT's biologist with habitat surveys, wetland delineations, and coordination with the USACE and USFWS to obtain required clearances. Approval of the CE2 is anticipated before the end of 2025.



QUALIFICATIONS OF PERSONNEL

Burns & McDonnell's leadership team has worked on or managed more than 900 LPA projects throughout Missouri. Shari Cannon-Mackey, CEP, ENV SP, will lead our team, with key support from experienced staff members. Over the years, these professionals have addressed a wide range of challenging work on behalf of various LPAs across Missouri.



Shari Cannon-Mackey, CEP, ENV SP—Shari has led the NEPA decision-making process, study and approval strategies, documentation, and public outreach for transportation projects across Missouri and 31 other states. She led the study process and documentation for the US-169/Buck O'Neil Bridge EA and the US-69 Bridges EA, both of which are crossings of the Missouri River and were completed under accelerated timeframes to support MoDOT's design-build implementation. She is also leading the MO-291 Bridges over the Missouri River CE2, anticipated to be approved before the end of 2025. She also completed the following Missouri roadway improvement projects: 60 miles of US-60 through the Mark Twain National Forest, US-60/63 in Willow Springs, US-36 across Macon County, and the portion of the Avenue of the Saints spanning Missouri and Iowa. In 2023, she completed two concurrent EISs for new location freeways in McKinney, Texas, for TxDOT; the first FEIS/ROD was issued 26 months after the Notice of Intent (NOI) and the second FEIS/ROD was issued within 32 months of the NOI.



Thomas Allemand—Tom has more than 24 years of experience in the fields of biology, environmental science, and planning. His background includes NEPA compliance and due diligence documentation for road and highway projects, agency coordination, permitting, and community engagement. Tom has evaluated environmental impacts through the development of CEs, EAs, EISs, and re-evaluations for complex linear infrastructure projects, including arterial roadways, toll and non-toll roadway facilities, passenger and freight rail, transit, and alternative routing studies for electric transmission lines.



Brandy Harris – Brandy is a senior cultural resources specialist with 21 years of experience as Secretary of the Interior-qualified lead historian and principal investigator for historic resources survey and assessment projects, as well as archival research efforts in 36 states. She will lead Section 106 and Section 4(f) compliance efforts for non-archaeological resources. She has experience preparing NEPA documentation and evaluating and mitigating effects to historic properties across the nation, including the completion of an EA for the removal of more than 170 structures within a historic district for the USDA.



Andrew Gottsfield, PhD, RPA – Andrew is a cultural resources section manager and geoarchaeologist. He oversees client compliance with NHPA Section 106 and NEPA and is responsible for conducting geoarchaeological assessments, site formation studies, GIS analyses, background research, field surveys and testing, data recovery and analysis, and cultural resources reports. He has 23 years of experience in archaeological projects. Andrew led the site survey and data recovery efforts for the US-169/Buck O’Neil Bridge project prior to the initiation of construction in 2022.



Bryan Gasper – Bryan will serve as the protected species team lead. He has more than 23 years of experience in obtaining natural resources clearance for all development sectors, including transportation, energy, military and municipal projects. He has led project teams through several formal consultations under Section 7 of the ESA and has authored numerous Biological Assessments to obtain USFWS concurrence. Bryan is dedicated to helping clients successfully meet their obligations under the ESA, MBTA, BGEPA, NEPA, and other relevant federal and state regulations.



Brian Roh, ENV SP – Brian has 28 years of experience leading biological investigations and consultations for protected species and wetland permitting. He has served as the lead environmental scientist on projects in Missouri, providing coordination and oversight across multiple regulatory entities, conducting complex analyses, and satisfying constrained schedules. Brian has extensive knowledge of permitting compliance with the USFWS, U.S. Army Corps of Engineers, and Environmental Protection Agency.



Tess Fuller – Tess manages and conducts traffic noise and air quality analyses for transportation improvements, as well as other infrastructure and utility projects. She leads ambient field measurements, acoustical calculations and modeling, and conducts feasibility studies and detailed air quality assessments.

FAMILIARITY/CAPABILITY

Our team possesses a strong familiarity with federal compliance and an understanding of the requirements necessary to successfully deliver federally funded projects. We have significant experience working in partnership with the FHWA and other regulatory agencies to support the NEPA process, prepare permitting applications, and identify and implement appropriate mitigation measures.

ACCESSIBILITY

Burns & McDonnell is committed to providing local public agencies with experienced professionals who bring a strong history of service to our clients, knowledge of both federal and state requirements, and the range of skills needed to make each project successful. We look forward to building on our long-standing relationships by providing on-call environmental services to LPAs across Missouri.

Sincerely,

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2025

Global Profile

At Burns & McDonnell, our engineers, architects, construction professionals, scientists, and consultants do more than simply plan, design and construct. With a mission unchanged since 1898 — make our clients successful — our team partners with you to take on the toughest challenges, constantly working to make the world an even more amazing place.



The Burns & McDonnell Difference

True partnerships lead to successful projects. At Burns & McDonnell, we dedicate experienced and innovative leaders to your work, beyond the specific needs of a particular job. We build long-term relationships as our professionals become valued extensions of your own teams.

History

We've grown since two Stanford University graduates set out for the American Midwest, earned 13 cents in their first three years and designed a water and energy plant for a small town in Kansas.

Our firm continues building strength from that legacy born in 1898. Clinton S. Burns and Robert E. McDonnell set up in Kansas City, Missouri, where they could reach the most communities needing water and energy within a day's travel by train. Their enterprise soon branched into transportation, energy transmission, and military and federal projects. Soon came experience in architecture, aviation, technology, environmental services, manufacturing and process design. Today we're a \$7.4 billion firm with offices worldwide, and our first client — Iola, Kansas — remains a repeat and ongoing partner.

Community

As employee-owners, we embrace our responsibility to give back to our communities. We nourish the communities where we live and work to become healthy and strong. We share our collective passion by giving financially and investing our time and talents. From fundraising walks and community cleanups to educational outreach and one-on-one mentoring — especially when it comes to sharing our passion for STEM projects — our employee-owners work to make our communities successful.

Culture

Burns & McDonnell is 100% employee-owned, and that promotes the integrated teamwork that generates success. As owners ourselves, we understand what your project means to you, and we are willing to do whatever it takes to deliver what you need, when you need it and beyond.

SERVICES

- 1898 & Co.: Business & Technology Consulting
- Architecture
- Commissioning
- Construction
- Engineering
- Operations & Maintenance
- Program Management
- Project Management Office (PMO)

AMONG TOP

5%

SAFETY PERFORMANCE

TOP

5%

DESIGN FIRMS

75+

OFFICES WORLDWIDE

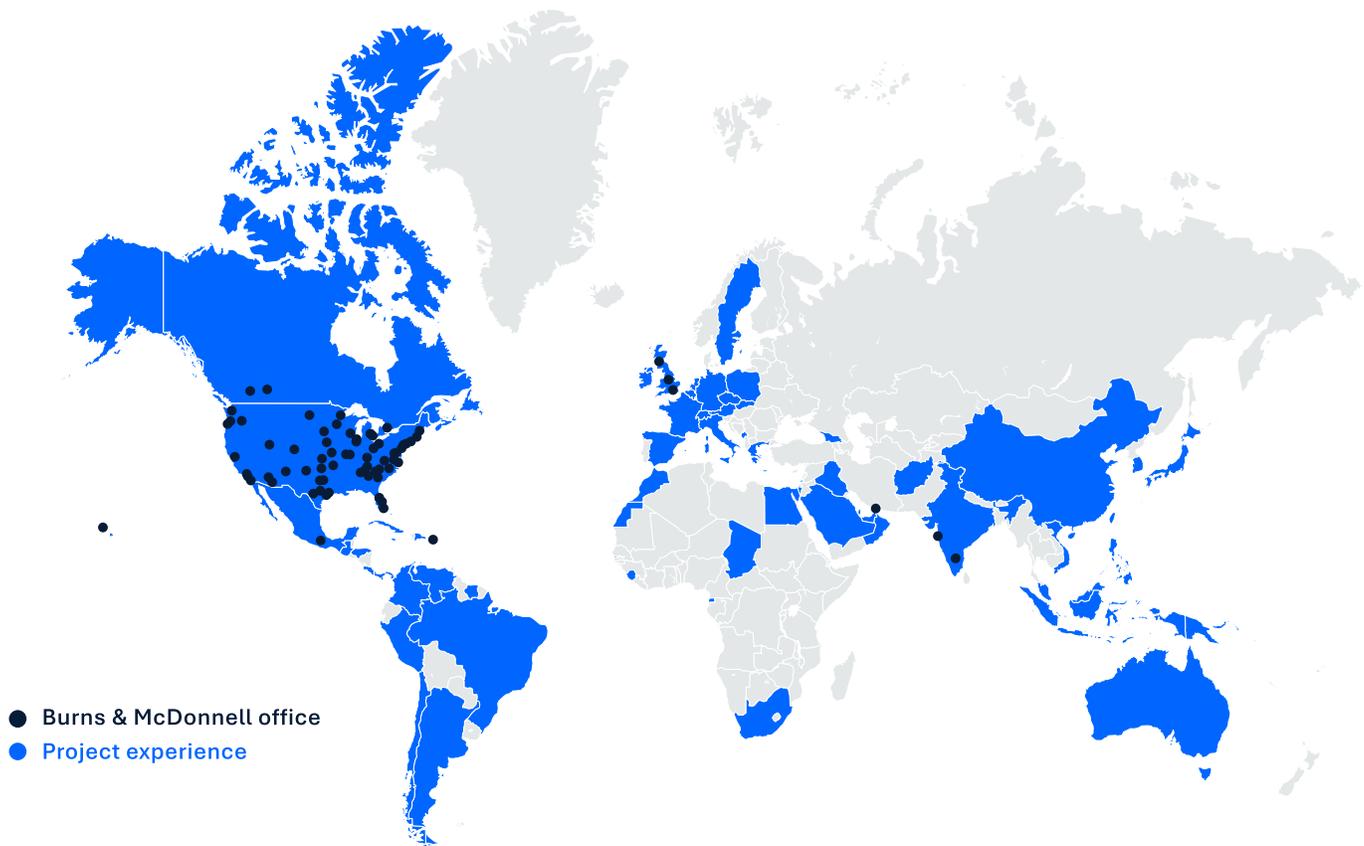
90%+

REPEAT BUSINESS

100%

EMPLOYEE-OWNED





INDUSTRIES WE SERVE

Aviation

A lot happens before the aircraft is in the air. Our aviation industry experience includes every facility, every service that touches your commercial or private operation.

Commercial, Retail & Institutional

Your competitive markets make seamless planning, design and construction critical to project success. Our agile, integrated teams bring your vision to life.

Construction

Whatever you're building, and wherever you're building it, our construction teams take your project through to the finish, delivering a safe and efficient project site.

Data Centers & Critical Services

Data centers must be resilient, high-performing, energy-efficient, flexible, scalable and reliable. Our integrated approach develops innovative, optimized solutions to keep critical information flowing.

Environmental

From investigations and remediation to compliance and permitting, we stay on top of regulations and environmental project needs to help determine your most effective, cost-efficient and sustainable environmental solutions.

Government, Military & Municipal

Public projects demand public trust. Our responsive solutions meet and exceed expectations on projects from basic infrastructure to government offices and military bases.

Manufacturing & Industrial

Through understanding the complexities of your business, we bring you better ways to control costs, optimize systems and processes, and deliver results.

Oil, Gas & Chemical

To handle changing markets, regulations and infrastructure needs, our solutions deliver efficient, resilient projects — oil fields, refineries, storage terminals and everything in between.

Power

Reliable, sustainable power is essential. From generation to delivery, we help you forge the future with solutions that build your business.

Telecommunications

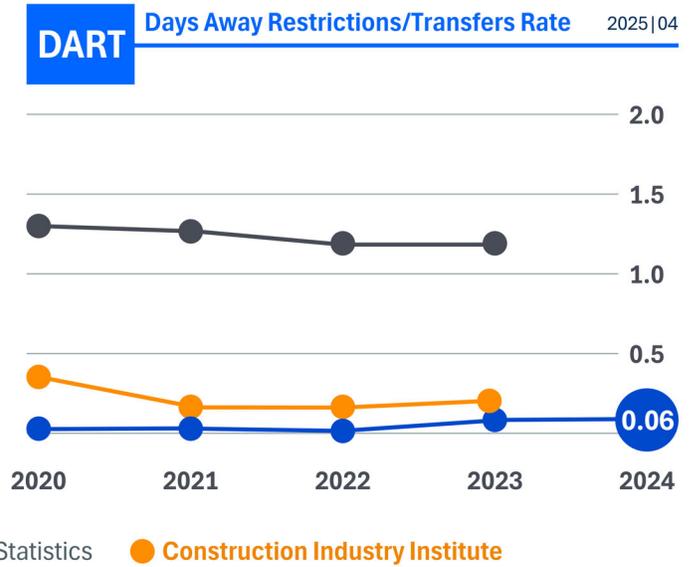
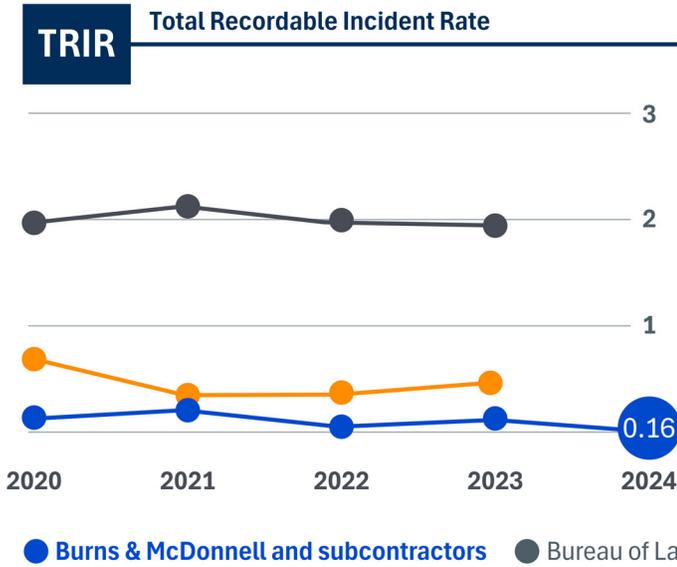
In this rapidly evolving field, we connect the right people, knowledge and systems to put you on the road to successful communications networks that move you forward.

Transportation

Infrastructure drives economic growth. Our planning, design and construction experience enables you to keep traffic flowing while saving time and money.

Water

Our water treatment, supply and systems solutions evolve with the ever-changing needs of communities and industries.



We hold our contractors accountable to the same safety standards we hold for ourselves. Because of this, our recordable incident rate includes our subcontractors and is consistently well below the Bureau of Labor Statistics and the Construction Industry Institute (CII) contractor averages.

Combined employee-owner and subcontractor data

Safety & Health

Safety isn't just a metric — it's an ingrained cultural value we view as a deliverable like design and construction. By integrating a Corporate Safety & Health Program with our project processes, we actively seek and implement safe work practices. As a result, our safety performance is consistently better than the industry average, placing us among the top 5% of safest architecture, engineering and construction firms.

Every project we complete operates with the safety philosophy that zero recordable incidents can be accomplished with proper planning, resources and follow-through.

Our project safety records demonstrate the success of this approach. Our Days Away Restrictions or Transfers (DART) rate and Total Recordable Incident Rate (TRIR) safety statistics are considerably better than industry standards set by the Construction Industry Institute and the U.S. Bureau of Labor Statistics.

Although it is not an OSHA requirement, we are one of the few firms to include subcontractors in our safety statistics. We choose to do this because our safety commitment goes beyond reporting the numbers. It is our intrinsic expectation that everyone working

on a project — our employee-owners and those who work with our partners — goes home safe to their families every night.

Rankings and Recognition

Our ownership culture helps drive amazing services for clients. We're proud others recognize that too, ranking us among the nation's leading engineering, design and construction firms in multiple industries.

[View Current Industry Rankings](#)

