

Missouri Department of Transportation  
*Patrick K. McKenna, Director*

1.888.ASK MODOT (275.6636)

March 9, 2021

Dear Consultant:

The Missouri Highways and Transportation Commission is requesting the services of a consulting engineering firm to perform the described professional services for the project included on the attached list.

If your firm would like to be considered for these consulting services, you may express your interest by responding to the appropriate office, which is indicated on the attachments. Limit your letter of interest to no more than **two** pages. This letter should include a statement to indicate your firm's understanding of the project. It should also include any other information which might help us in the selection process, including key personnel you would assign to the project and the backgrounds of those individuals, and any sub-consultants you would propose to use, and an indication of your firm's approach to promoting and developing a diverse workforce. MoDOT is committed to reflecting the diversity of the communities we serve and we expect our partners to do the same. We will utilize the consultant information already on file so we will not need a lengthy submittal of other general company information. In addition, please attach one page with detailed information on similar projects that your key personnel have worked on. Indicate the role your key personnel played in the projects and include reference contact information.

DBE firms must be certified by the Missouri Department of Transportation in order to be counted as participation towards an established DBE Goal. We encourage DBE firms to submit letters of interest as prime consultants for any projects they feel can be managed by their firm. We also encourage both DBE firms and non-DBE firms to consider joining MoDOT's Mentor/Protégé program whenever possible as part of a MoDOT project.

MoDOT will evaluate firms based on: Project Understanding & Innovation, Past Performance, Qualifications of Personnel Assigned, General Experience of Firm, Familiarity/Capability, Accessibility of Firm & Staff. Firm's not providing a response on approach to workforce diversity will be considered non-responsive to this solicitation. Firm's that are not current on all of the required prequalification categories found in MoDOT's Approved Consultant Prequalification List at the date of the solicitation expiration will be considered non-responsive.

We request all letters be received by 3:00 pm, April 9, 2021 at the appropriate office.

Sincerely,



Travis Koestner, P.E.  
State Design Engineer

*Our mission is to provide a world-class transportation system that is safe, innovative, reliable and dedicated to a prosperous Missouri.*

[www.modot.org](http://www.modot.org)

Attachment

**DISTRICT OFFICES**

SL District  
Thomas Blair – District Engineer  
Missouri Department of Transportation  
1590 Woodlake Drive  
Chesterfield, MO 63017

Contact  
Jamie Rana, PE, PTOE  
314-624-5035  
Jamie.Rana@modot.mo.gov  
Email responses are encouraged

## District SL

| <b>St. Louis &amp; Franklin Co, MO 366, 47, 100, US 50</b> |  |
|--|--|
| <b>Job No:</b>   | J6P3239  |
| <b>Location:</b>   | MO 366, MO 47, MO 100 (Franklin County), US 50   |
| <b>Proposed Improvement:</b>                               | <p>Traffic counts and Signal Optimization of <b>MO 366</b> including the following signalized intersections in <b>St. Louis County</b>:</p> <ol style="list-style-type: none"> <li>1. Mackenzie Rd/Rt P</li> <li>2. Mackenzie Point/Jacobs Old Coal Rd</li> <li>3. Trianon Pkwy Dr</li> <li>4. Laclede Station Rd/Heege Rd</li> <li>5. Cheshire Ln</li> <li>6. Rock Hill Rd/Elm Ave</li> <li>7. Grant Rd</li> <li>8. Pardee Ln</li> <li>9. Watson Industrial Park/Brookview Dr</li> <li>10. Crestview</li> <li>11. Crestwood Plaza</li> <li>12. Old Sappington Rd</li> <li>13. Sappington Rd</li> <li>14. Glenwood Dr</li> <li>15. Sturdy Dr</li> <li>16. Rt 61/67 Lindbergh</li> <li>17. Sunset Office Dr/Sunset Plaza</li> <li>18. Geyer Rd</li> </ol> <p>Traffic counts and Signal Optimization of <b>MO 47</b> including the following signalized intersections in <b>Franklin County</b>:</p> <ol style="list-style-type: none"> <li>1. 3<sup>rd</sup> St</li> <li>2. 5<sup>th</sup> St</li> <li>3. 8<sup>th</sup> St</li> <li>4. Blue Jay Dr/Wash HS</li> <li>5. 14th St/Duncan Ave/Zero Ave</li> <li>6. Heritage Hills Dr</li> <li>7. MO 100</li> <li>8. Washington Crossing/Schnucks</li> <li>9. Steutermann Rd/Bieker Rd</li> <li>10. Clearview Rd</li> <li>11. Independence Dr</li> <li>12. Rt V/Central Ave</li> <li>13. E Main St</li> </ol> |

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|---------------------------------------|--|
|                                       | <p>14. I-44 NOR<br/>15. I-44 WB Ramps<br/>16. I-44 EB Ramps</p> <p>Traffic counts and Signal Optimization of <b>MO 100</b> including the following signalized intersections in <b>Franklin County</b>:</p> <ol style="list-style-type: none"> <li>1. Bluff Rd</li> <li>2. Washington Elementary</li> <li>3. Pottery Rd</li> <li>4. High St</li> <li>5. Rt A/Jefferson St</li> <li>6. Bedford Center/Lewis &amp; Clark Dr</li> <li>7. Washington Crossing</li> <li>8. Washington Heights Dr</li> <li>9. Aroy Dr</li> <li>10. International Ave/Rabbit Trail Dr</li> <li>11. Brookview Dr</li> <li>12. 5th St/S Point Rd</li> <li>13. Rt M</li> <li>14. Rt AT</li> <li>15. I-44 EB Ramp-Osage</li> <li>16. I-44 WB Ramps</li> </ol> <p>Traffic counts and Signal Optimization of <b>US 50</b> including the following signalized intersections in <b>Franklin County</b>:</p> <ol style="list-style-type: none"> <li>1. Independence Dr</li> <li>2. Hoover Ave</li> <li>3. Oak St</li> <li>4. Rt 47 W End</li> <li>5. Rt 47 E End</li> <li>6. Prairie Dell Rd</li> <li>7. Progress Pkwy</li> </ol> |
| <b>Length:</b>                        | Approx. 32.3 miles   |
| <b>Approximate Construction Cost:</b> | NA   |
| <b>DBE Goal (if applicable)</b>       | 12%  |
| <b>Consultant Services Required:</b>  | <ul style="list-style-type: none"> <li>• Thorough field investigation, survey, review and observation of existing corridor conditions</li> <li>• Weekday &amp; weekend traffic count collection for mainline and signalized intersections</li> </ul>   |

|                        |   |
|------------------------|---|
|                        | <ul style="list-style-type: none"> <li>• Signal timing plan development as needed</li> <li>• Building of Synchro, TruTraffic models for signal systems</li> <li>• Pre-project travel time data</li> <li>• Review of locations with excessive delays</li> <li>• Development of diversion plans</li> <li>• Utilization of newer features of ATC controllers per corridor need</li> <li>• Utilization of TCS time space diagrams, split monitoring tool and other features as needed</li> <li>• Clearance interval and pedestrian timing calculations</li> <li>• Left turn Time Of Day analysis (FYA) and implementation</li> <li>• Field implementation of signal timing plans</li> <li>• Post-project travel time data analysis</li> <li>• Respond to customer service calls/complaints and implement adjustments as necessary</li> <li>• Completion of field observation sheets</li> <li>• Final report that includes: arterial analysis (travel time, delays, average speeds, number of stops, arterial LOS, etc) and intersection analysis (movement delays, queuing, LOS, etc). Note significant corridor problem movements/locations. This report will also identify improvements to the corridor in terms of annual reductions in fuel consumption costs and vehicle pollutant emissions.</li> <li>• Short derivation of values obtained must be included, such as formulas used and where obtained.</li> <li>• Results will be made available to the public.</li> </ul> |
| <b>Other Comments:</b> | <p>Interviews/presentation will not be required.</p> <p>Tentative Date of Consultant Selection- April 30, 2021</p>  |

**Rating Criteria w/Weighted Values**

|                                      |                      |
|--------------------------------------|----------------------|
| Project Understanding & Innovation   | 25 Points Max        |
| Past Performance                     | 25 Points Max        |
| Qualifications of Personnel Assigned | 20 Points Max        |
| General Experience of Firm           | 10 Points Max        |
| Familiarity/Capability               | 10 Points Max        |
| Accessibility of Firm & Staff        | <u>10 Points Max</u> |
|                                      | 100 Points Max Total |