Title: I-70 Lane Addition & Interchange Studies (Rte 79 to Bryan Road)  RFQ ☐ RFP ☐ RFO/RFP #: ☐ Sole Source

Dept: Transportation  Contact Person: Amanda Brauer  Ext: 7490

Description (service, justification and use):

St. Charles County was recently awarded Governor's Cost Share funds for an additional lane on I-70 between Bryan Road and TR Hughes Boulevard. In order to complete this project and use these funds, a traffic study is required to determine the optimal improvements.

This study consists of a traffic operational and safety analysis and conceptual design of improvements to I-70 in O'Fallon, Missouri. St. Charles County intends to add one through lane in each direction on I-70 between TR Hughes and Bryan Road. However, the configuration of ramps and modifications to acceleration/deceleration lanes needed to accomplish this lane expansion have not been fully vetted. The purpose of this analysis would be to evaluate alternatives, develop a conceptual design, and estimate the project's implementation cost.

Given the urgency to complete this work, LOCHMUELLER proposes a phased-approach that initially will focus on adding a lane on I-70 in the most cost-effective manner. A second phase will evaluate potential upgrades to the I-70 and Route 79 interchange and to the I-70 and Bryan Road interchange for implementation in the future as funding allows.

LOCHMUELLER will leverage previous traffic models and forecasts prepared as part of the I-70 O'Fallon Access Justification Report to reduce costs and expedite the analysis. Specifically, the calibrated VISSIM model and 2040 traffic volume forecasts previously developed will be applied. This will eliminate the need to perform new traffic counts, which would be of limited benefit due to ongoing construction. The study area will include the following:
- I-70 from east of Route 79 to west of Bryan Rd
- Veterans Mem Pkwy and Terra Ln (outer roads) between Route 79 and Bryan Rd
- Route 79 from Veterans Mem Pkwy to the Terra Ln ramps
- TR Hughes Blvd from Veterans Mem Pkwy to Terra Ln
- Sonderen St from Veterans Mem Pkwy to Sonderen Loop
- Main St (Route K) from Veterans Mem Pkwy to Terra Ln
- Woodlawn Ave from Veterans Mem Pkwy to Terra Ln
- Bryan Rd from Veterans Mem Pkwy to Terra Ln

Award to: LOCHMUELLER  Location: St. Louis, MO

Was the vendor pre-qualified? Yes ☒ No ☐

Total negotiated price: $123,000.00  Contract term: One year with 0 renewals.

Price break-down (if applicable):

Proposal opening held on:  Opened by:

Account number to be charged for purchase: 47609-36A18

If paying for with grant funds, please indicate (1) grant name, (2) total grant amount, (3) what portion of purchase is being paid for by a grant, and (4) when grant period ends as applicable:
PROFESSIONAL SERVICES – REQUEST FOR APPROVAL

RFP/RFQ #: Sole Source

Additional RFQs/RFPs Received

*The following additional responses were received:

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☑ Sole source justification memos from (1) dept. and (2) vendor attached.

Department Director/Elected Official must sign the request prior to routing to the Purchasing Manager.

Please sign below:

Amanda Brauer  
Department Director/Elected Official Signature  
03/03/2020  
Date

Approval or Concurrency of Director of Finance  
3.3.20  
Date

BELOW ONLY TO BE COMPLETED FOR PROPOSALS AT LEAST $16,000 AND LESS THAN $50,000. See instructions at the top of pg. 1.

Director of Administration Signature  
Date  

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MEMORANDUM

TO: Bob Schnur, Director of Finance

FROM: Amanda Brauer

Lochmueller Group, Inc. – I-70 Lane Addition and Interchange Studies
(Rte 79 to Bryan Road) – Sole Source

DATE: March 3, 2020

The Roads and Traffic office is requesting the approval of Lochmueller Group, Inc. to provide engineering services for traffic operational and safety analysis and conceptual design of improvements to I-70 in O’Fallon, MO. This project has received Governor’s cost share funds and has been identified as a high priority within the County.

The attached contract has been obtained as a sole source procurement due to previous modeling work done by Lochmueller Group for the City of O’Fallon and MoDOT including these improvements as well as adjacent roadway improvements. This previous work results in a greatly reduced schedule and budget to obtain the data needed in a timely fashion. Additionally, Lochmueller Group produced the Access Justification Report (AJR) for the previous O’Fallon project. Should an update to that document be required for this newly proposed improvements, Lochmueller Group would be able to make those changes efficiently and effectively to obtain FHWA approvals.
MEMORANDUM

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<th>To:</th>
<th>Ms. Amanda Brauer, PE, PTOE</th>
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<tr>
<td>From:</td>
<td>Chris Beard, PE, PTOE</td>
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<tr>
<td>Date:</td>
<td>March 3, 2020</td>
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<td>Subject:</td>
<td>I-70 Lane Addition &amp; Interchange Studies in O'Fallon</td>
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Lochmueller Group is uniquely qualified to perform a traffic operational and safety analysis and conceptual design of improvements to I-70 in O'Fallon, Missouri. Lochmueller completed all previous traffic and safety analyses and the Access Justification Report for the I-70 improvements at Route K that are currently under construction. All traffic modeling files from the previous studies are available in-house, and several members of our staff (Dustin Riechmann, Julie Nolfo, and myself) were directly involved and have history and insights to the project corridor from our prior experiences. As a result, Lochmueller Group is able to quickly build upon our previous analysis and leverage file information to evaluate adjacent interchanges and an added lane on the interstate. The efficiencies we are able to provide would maximize the value received by St. Charles County on this project.