



Macomb County Department of Roads Request for Letters of Interest for Design-Build Contract

1.0 INTRODUCTION

The Macomb County Department of Roads (MCDR) is soliciting Letters of Interest (LOI) from companies interested in providing Design-Build services for the Mound Road Industrial Corridor Technology and Innovation Project (Job Number 207178). Entities interested in responding to this request (“Respondents”) are invited, on a non-binding basis to express their interest in the Project and provide opinions and feedback. While submission of an LOI is not a prerequisite for participating in the procurement process, interested firms and parties are strongly encouraged to submit.

MCDR reserves the sole right, without incurring any liability, to change any aspect of the proposed procurement described above, including the right to not proceed with the procurement and/or the right to proceed in a different manner or on a different timeline than as described below.

The purpose of this RFLOI is to generate responsive information that may help MCDR understand the perspective of the industry and to confirm and/or refine the scope and procurement approach for the Project. Respondents are informed that their submittals at this stage of the process will not lead to a short-list and other interested parties will not be precluded from participation in the future qualification process.

2.0 PROJECT LOCATION AND DESCRIPTION OF WORK

The Project is a partnership of Macomb County, the City of Sterling Heights, and the City of Warren, Michigan, with the objective of transforming approximately nine miles of the Mound Road corridor to a next-generation critical commercial corridor of national significance. The existing boulevard will be reconstructed between I-696 and M-59, with the addition of a fourth travel lane in each direction from 17 Mile Road northerly to M-59. Roadway improvements include new concrete pavement, drainage, curbs, and driveways; signal optimization, roadway widening, and connected vehicle and fiber optic communications technology; non-motorized facilities; and energy-efficient LED lighting. The Project area includes major intersections at each “mile” road along with several other intersecting roadways.

The Project includes the following:

- Reconstruction of all cross-road intersections, including the Mile Roads and all other intersections located between the Mound Road POB and POE.
- Reconstruction of all driveways connected to Mound Road within MCDR provided Right-of-Way located between the Mound Road POB and POE.
- Rehabilitation or replacement of drainage systems including the replacement of the Bear Creek Drain and rehabilitation of large culverts and sewers at Big Beaver Creek, and Sterling Relief Drain

- Rehabilitation and structure widening of Northbound and Southbound Mound Road over Plum Brook bridges to accommodate a fourth travel lane in each direction.
- Rehabilitation of Northbound and Southbound Mound Road over Red Run Drain bridges to include expansion joint replacement.
- Removal and replacement of existing guardrail within the Project limits
- Landscaping including tree replacement and turf establishment
- Signing and pavement markings
- Traffic signal modernization
- Energy efficient LED street lighting systems
- ITS including fiber optic communications and other connected vehicle technologies
- Municipal utility relocations and betterments
- Roadway maintenance during construction on NB and SB Mound Road where traffic is maintained
- Construction of new non-motorized facilities

See attached Project Information Sheet for a Project map, additional Project information, and the anticipated schedule.

Project Goals:

The following goals have been established for the Project:

1. Improve highway infrastructure system to a state of good repair.
2. Greater safety for motorists, pedestrians, bicyclists and transit users.
3. Implement advance technology for operational, safety, and network maintenance improvements.
4. Enhance and support national and regional economic efficiency, productivity and competitiveness.
5. Reduce congestion and improved freight movement within the corridor.

3.0 PREFERRED SKILLS

The Department is seeking Design-Builders that are committed to quality, have proven experience in design and construction, will bring innovative design-build approaches and solutions in partnership with Macomb County Department of Roads for the mutual success of the Project.

Companies assembling Design-Build teams will need to include MDOT Prequalified Service Vendors who meet the anticipated prequalifications shown in the attached Project Information Sheet. A list of Prequalified Vendors is available at the following MDOT website location: <https://mdotjboss.state.mi.us/PSVR/PSVRHome.htm>

Macomb County vendors should be registered on the Michigan Inter-governmental Trade Network (MITN) website: <http://www.mitn.info/>

DBE Goal: A DBE goal will be established for this Project.

4.0 SUBMITTAL INSTRUCTIONS

Respondents to this RFLOI are encouraged to provide the following information (to the extent relevant, based on the parts of this document the Respondent wishes to submit a response):

- *Contact Information:* The LOI must state the name, phone number, fax number, and e-mail address of the person whom MCDR may contact at your company to provide further information about the Project including upcoming Project information meetings and notice of postings.
- *Responses to Questions:* Please provide responses to the questions presented below along with other relevant information.

Questions Presented:

Any and all feedback is welcomed by MCDR; however, the below questions outline the general information being sought from this RFLOI. Please answer any or all questions that you or your organization deem relevant.

1. MCDR is currently considering using a 2-step low-bid Design-Build procurement process. The other option being explored is fixed price/variable scope.
 - a. Identify the advantages and disadvantages of each method in procuring the Project.
 - b. Are there any impediments to either of the models? If so, how could they be overcome?
 - c. What are key factors you would consider in determining whether or not to participate in the Project?
2. Maintenance of Traffic (MOT) During Construction
 - a. Based on your experience, what MOT strategies can be used to expedite the schedule of the Project?
 - b. How can the MOT requirements in the Design-Build contract be structured to encourage private sector innovation to lower costs of the Project?
 - c. Provide an example of a project where you used an innovative approach to MOT to expedite the schedule or lower costs of the Project.
3. Firm information
 - a. What type of firm do you represent? For example, design/engineering firm, construction firm, materials supplier, etc.?
 - b. Is this Project attractive to your firm?
 - c. Please provide a brief description of your firm's history with Design-Build projects, including low-bid Design-Build and fixed price/variable scope.



Format:

Marketing materials are not to be submitted as part of a written response. Follow-up questions, or requests to clarify comments, may be posed directly to the Respondents. MCDR requests that responses do not exceed 8 pages (8 1/2" x 11"). Font should be a minimum of 12 point. Pages shall be continuously numbered.

Delivery:

Companies interested in receiving an RFQ should send an LOI via email by July 1, 2020 by 5:00 PM EDT to:

Name	John Crumm, AICP
Address	Macomb County Department of Roads 117 South Groesbeck Highway Mount Clemens, MI 48043
E-mail	jcrumm@rcmcweb.org

The subject line of the email shall read "Mound Road Industrial Corridor Technology and Innovation Project – LOI".

5.0 LIMITATIONS

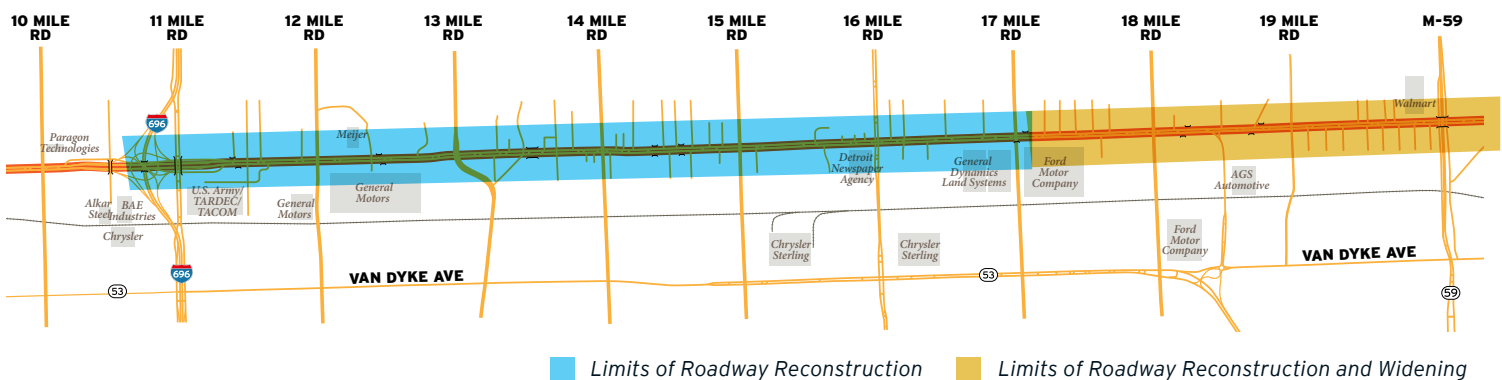
- *Inquiry only:* This RFLOI is an inquiry only and no contract or agreement will be entered into as a result of this process. By responding to this document or otherwise participating in this process, no contract or agreement will be formed and no legal obligation between MCDR and Respondent will arise.
- *Right to alter:* MCDR reserves the right to alter this document, including any conditions and criteria outlined. MCDR reserves the right to cancel this RFLOI process at any time.
- *Cost and Expenses:* Each Respondent is responsible for its own costs and expenses related to the process associated with submitting a response to this RFLOI.
- *Ownership of submissions:* MCDR reserves the right to retain all submissions and other documentation received or related to this RFLOI.
- *Non-confidentiality of information:* Respondents should consider responses to this RFLOI to be public documents in accordance with the Freedom of Information Act.
- *Conflicts:* Respondents should advise MCDR of any potential or known conflicts of interest they may have.

INNOVATE MOUND DESIGN-BUILD PROJECT INFORMATION SHEET

Reconstruction of Mound Road from I-696 to M-59, Macomb County



The Macomb County Department of Roads intends on using a design-build procurement method to reconstruct and widen a section of Mound Road between I-696 and M-59. The project is located in the Cities of Warren and Sterling Heights, Macomb County. The project will reconstruct approximately nine miles of Mound Road between I-696 and M-59, add a fourth lane in each direction from 17 Mile to M-59, and includes new concrete pavement, drainage, curbs and driveways, signal optimization, roadway widening, and connected vehicle and fiber optic communications technology, enhanced non-motorized facilities and energy-efficient lighting.



PROGRAMMED CONSTRUCTION COST

\$178,000,000.00

ANTICIPATED DESIGN-BUILDER PREQUALIFICATIONS

TBD

THE ANTICIPATED SCHEDULE

Issue Request for Qualifications (RFQ)	August 2020
Statement of Qualifications (SOQ) due	September 2020
Notification of shortlisted submitters	October 2020
Issue Draft Request for Proposals (RFP)	Mid to late October 2020
Issue Final RFP	January 2021
Technical and priced proposals due	April 2021
Anticipated contract award	Late April 2021

ANTICIPATED LEAD ENGINEERING DESIGN FIRM PREQUALIFICATIONS:

Design	Roadway Complex, Bridges
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ANTICIPATED SECONDARY DESIGN FIRM PREQUALIFICATIONS

Design - Bridges: Load Rating, Design - Geotechnical, Design - Hydraulics II, Design - Traffic: Capacity & Geometric Analysis, Design - Traffic: ITS - Design & System Manager, Design - Traffic: Pavement Markings, Design - Traffic Safety Studies, Design - Traffic: Signal, Design - Traffic: Signal Operations - Complex, Design - Traffic: Signing - Freeway, Design - Traffic: Signing - Non-Freeway, Design - Traffic: Work Zone Maintenance of Traffic, Design - Traffic: Work Zone Mobility & Safety, Design - Utilities: Municipal, Design - Utilities: Roadway Lighting, Landscape Architecture, Surveying - Road Design, Surveying - Hydraulics, Surveying - Structures, Surveying - Right of Way

PROJECT ATTRIBUTES

DBE Goal	TBD
Stipend	TBD

The anticipated RFQ prequalification requirements are listed above and are subject to change. Additional prequalifications may be included in the RFQ or RFP.

MDOT Contact:
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MCDR Contact:
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