



**S A F E &
S O U N D**

**REQUEST FOR QUALIFICATIONS
for
The Bridge Improvement Program
Design-Build Project**

State of Missouri

Project Number: J5B0800
RFQ Issued: October 4, 2006
SOQs Due: November 9, 2006

Missouri Department of Transportation
P.O. Box 270, 2211 St Mary's Blvd.
Jefferson City, MO 65109





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FORMS

- Form 1 – Major Participant Information
- Form 2 – Reference Project Summary
- Form 3 – Resume Summary
- Form 4 – Receipt of Addenda



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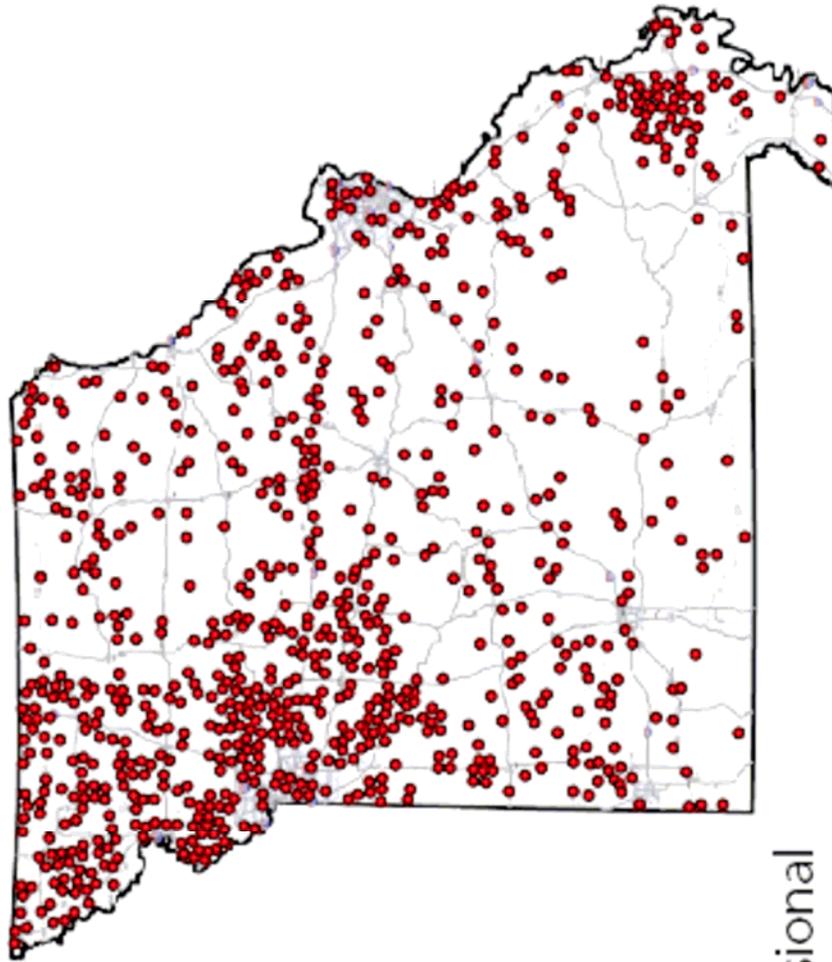
ADDENDA ISSUED

Addendum	Issued	Comments
01	10/06/06	Change in Stipend amount – Section 2.1



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800 Better Bridges By 2012



Provisional



For details about the
Safe & Sound bridge
program please visit
www.mdot.org or call
1-888-4-5K-MISSOURI.

Original version
of this logo was
developed by
Missouri DOT.



Missouri Department of
Transportation



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1 INTRODUCTION

The Missouri Department of Transportation (MoDOT) is soliciting Statements of Qualifications (SOQ) from entities (Submitters) interested in providing design-build services for The Bridge Improvement Program at various locations throughout the State of Missouri.

1.1 Project Description

MoDOT is embarking on an innovative approach to addressing bridge needs. The Safe and Sound Bridge Improvement Program is a large scale system improvement, with a minimum of 25 years of maintenance, along with private financing. In order to keep costs under control, MoDOT expects and encourages route closures for most of these bridges, and innovative methods to keep the duration of closure to a minimum. The contract team is challenged with obtaining maximum public acceptance of this program, delivering quality projects on a large scale in a short time, and maintaining them for an extended period.

The improvements include actions to reconstruct or rehabilitate over 800 bridges in poor or serious condition located on major and minor highways throughout the state and subsequently maintain those bridges for a minimum period of 25 years. MoDOT believes that innovative design and construction methods or approaches identified through the private sector will further reduce costs for the program. These methods or approaches could include, but are not limited to, elimination of bridges entirely, replacement or rehabilitation with non-traditional bridge types, innovation in the types of structures, standardization of structures. MoDOT will require the successful Proposer to provide a delayed payment plan that minimizes MoDOT's expenditures during the initial construction period of this program.

The contract will consist of two periods, initial construction and maintenance. The initial construction period begins at the contract Notice to Proceed (NTP) and all structures shall be rehabilitated or replaced such that their National Bridge Inventory (NBI) condition rating is at least a condition "6". This initial period shall be completed on or before December 31, 2012. The maintenance period for an individual bridge commences when the Contractor mobilizes to rehabilitate or repair that bridge and continues until 25 years after initial construction acceptance for all BIP structures. During the maintenance period, the contractor will have prescribed timelines to perform work on any structures that fall below the condition "6" rating, and all structures shall be at a condition rating of at least condition "6" at the conclusion of the maintenance period.

1.2 Project Goals

The following prioritized goals have been established for the project:

- Deliver the Bridge Improvement Program for the least possible cost.
- Restore all bridges in the BIP to at least satisfactory condition on or before



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December 31, 2012.

- Minimize the duration of public inconvenience during construction and maintenance.
- Maximize community and stakeholder acceptance.

Maintain structures for a minimum period of 25 years after they are upgraded then return structures to MoDOT in satisfactory condition.

1.3 Estimated Cost and Maximum Time Allowed

The estimated cost of the Initial Construction period is \$400-600 million. The initial construction period of the contract must be completed by December 31, 2012. The preferred maximum for any annual payment is 40 million dollars. The maintenance period of the contract begins at the completion of the initial construction period and continues for a minimum period of 25 years.

1.4 Procurement Process

MoDOT will use a two-phase procurement process to select a design-build contractor to deliver The Bridge Improvement Program. This Request for Qualifications (RFQ) is issued as part of the first phase to solicit information, in the form of SOQs, that MoDOT will evaluate to determine which Submitters are the most highly qualified to successfully deliver the Project. MoDOT will short list at least two, but not more than five most highly qualified Submitters that submit SOQs.

In the second phase, MoDOT will issue a Request for Proposals (RFP) for the Project to the short listed Submitters. Only the short listed Submitters will be eligible to submit proposals for the Project. Each short listed Submitter that submits a proposal in response to the RFP is referred to herein as a Proposer. MoDOT will award a design-build contract for the Project to the Proposer offering the best value, to be determined as described in the RFP.

MoDOT is committed to partnering with the highway design and construction industry to deliver The Bridge Improvement Program successfully by developing a design-build procurement process that allows Proposers the maximum flexibility to achieve or exceed the Project goals. The successful Proposer for The Bridge Improvement Program will fully understand the Project goals and the design-build procurement process to deliver a Proposal that provides MoDOT and the citizens of Missouri outstanding transportation solutions within the available budget. The procurement process will begin with a very flexible RFP and will rely upon the Proposers and a multi-phased discussion process to develop the majority of technical requirements (Additional Applicable Standards) and innovative solutions including the Project Definition, Schedule, approach to Managing Traffic, approach to Public Information, approach to Disadvantage Business Enterprise, Workforce Utilization plan, Financing Model and Bridge Maintenance Plan.



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2 RFQ PROCESS

2.1 Submitter Information

If an entity intends to submit a proposal as part of a team, the entire team is required to submit a single SOQ as a single Submitter. No stipends will be paid for submitting SOQs. A stipend will be awarded to unsuccessful Proposers during the RFP phase of procurement process. The stipend amount will be \$1,000,000 and be provided to such Proposer within 15 days after MoDOT determines the apparent successful Proposer.

2.2 Communications

MoDOT's Project Director, Ken Warbritton, is MoDOT's sole contact person for receiving all communications regarding the project. Each submitter is solely responsible for providing a single contact person.

Inquiries and comments regarding the Project and the procurement must be sent to Mr. Warbritton as shown below. E-mail is the preferred method of communication for the Project.

Kenyon Warbritton, PE
Bridge Improvement Program Project Director
Missouri Department of Transportation
2211 St. Mary's Blvd
Jefferson City, MO 65109
Office: 573-526-3282
Cell: 573-291-4082
Fax: 573-526-4337

Send Parcel Post to:

Kenyon Warbritton, PE
Bridge Improvement Program Project Director
Missouri Department of Transportation
1320 Creek Trail Drive
Jefferson City, MO 65109

e-mail:

safeandsound@modot.mo.gov

During the Project procurement process, commencing with issuance of this RFQ and continuing until award of a contract for the Project (or cancellation of the procurement), no employee, member, or agent of any Submitter shall have ex parte communications regarding this procurement with any member of MoDOT or the Federal Highway Administration, their advisors, or any of their contractors or consultants involved with the procurement, except for communications expressly



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permitted by this RFQ (or subsequent to issuance of the RFP, except for communications expressly permitted by the RFP). Any Submitter engaging in such prohibited communications may be disqualified at the sole discretion of MoDOT's Project Director. However, communication is allowed with local entities and the general public.

Questions and requests for clarifications regarding this RFQ must be submitted via e-mail to MoDOT's Project Director by 4:00 pm, Central Standard Time, on the date shown in Section 2.3.

2.3 Procurement Schedule

Deadlines for submitting RFQ and RFP questions, and SOQs, are shown below. This schedule is subject to revision by addenda to this RFQ and by the RFP.

Item	Date
Issue Preliminary Draft RFP	October 2, 2006
Industry Review of RFP	October 2-23, 2006
Issue RFQ	October 4, 2006
Deadline for submitting RFP questions	October 23, 2006
Industry Meeting to discuss RFP	October 27, 2006
Deadline for submitting RFQ questions	October 31, 2006
MoDOT posts final responses to RFP questions	November 2, 2006
Final RFQ Addendum issued	November 3, 2006
Deadline for submitting SOQs	November 9, 2006
MoDOT notifies short listed Submitters	November 21, 2006
Issue Draft RFP	November 22, 2006

2.4 Addenda

MoDOT reserves the right to revise this RFQ at any time before the SOQ due date. A link to any addenda will be posted on the Project web site, www.modot.org/safeandsound

Questions, requests for clarifications, and responses will be posted on the project web site. Submitter's names will not be identified.



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2.5 Confidentiality

Documents submitted pursuant to this RFQ will be subject to the Missouri Public Records Act, (§§ 610.010, et.seq., RSMo). Information clearly marked as confidential and proprietary will be kept confidential by MoDOT, unless otherwise provided by law. MoDOT will notify the Submitter if a request is made for such information, and the denial is challenged, so that the Submitter may take any action it deems necessary to defend the challenge. The Submitter, not MoDOT, shall be the entity responsible for defending against the Missouri Public Records Act disclosures for any records claimed by the Submitter to be confidential and proprietary.

2.6 Organizational Conflicts of Interest

Submitter must provide to MoDOT information regarding all potential organizational conflicts of interest in its proposal, including all relevant facts concerning any past, present or currently planned interests which may present an organizational conflict of interest, as required by 23 CFR 636.116. MoDOT's Project Director will determine whether an organizational conflict of interest exists, and the actions necessary to avoid, neutralize, or mitigate such conflict.

MoDOT may disqualify a Submitter if any of the Major Participants (as defined in Section 2.10) belong to more than one Submitter organization.

2.7 Equal Employment Opportunity

The Submitter will be required to follow Federal Equal Employment Opportunity (EEO) policies.

MoDOT will affirmatively assure that on any project constructed pursuant to this advertisement, equal employment opportunity will be offered to all persons without regard to race, color, creed, religion, national origin, sex, marital status, status with regard to public assistance, membership or activity in a local commission, disability, sexual orientation, or age.

2.8 Disadvantaged Business Enterprises

It is the policy of MoDOT that Disadvantaged Business Enterprises (DBEs), as defined in 49 CFR, and other small businesses shall have the opportunity to compete fairly in contracts financed in whole or in part with public funds. Consistent with this policy, MoDOT will not allow any person or business to be excluded from participation in, denied the benefits of, or otherwise be discriminated against in connection with the award and performance of any U.S. Department of Transportation assisted contract because of sex, race, religion, or national origin.

A draft DBE goal of 9% based on the Net Present Value of this contract has been established for the project. MoDOT has implemented the Unified Certification Program and has formed the Missouri Regional Certification Committee (MRCC). DBE firms will need to be certified with MRCC. The MRCC DBE Directory can be



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viewed at the following web site:

http://www.modot.mo.gov/business/contractor_resources/External_Civil_Rights/DBE_program.htm.

2.9 Major Participant

The term Major Participant is defined as any of the following entities:

- All general partners or joint venture members of the Submitter; all individuals, persons, partnerships, limited liability partnerships, corporations, limited liability companies, business associations, or other legal entities, however organized, directly or indirectly holding a 15% or greater interest in the Submitter.
- The lead engineering/design firm(s).
- Each subcontractor that will perform work valued at 20% or more of the construction work.
- Submitter's Financial Partner.

Major Participants identified in the SOQ may not be removed, replaced, or added without written approval of MoDOT. Written request must document the proposed change and demonstrate that the change will be equal to or better than the Major Participant submitted in the SOQ.

2.10 Key Personnel

Key Personnel identified in the SOQ may not be removed, replaced, or added without written approval of MoDOT. Written request must document the proposed change and demonstrate that the change will be equal to or better than the Key Personnel submitted in the SOQ.

3 CONTENTS OF SOQ

3.1 Organization of SOQ

The SOQ shall be organized as follows:

- Cover Letter
- Title Page
- Table of Contents
- Part 1 – Submitter Experience
- Part 2 – Key Personnel and Organization
- Part 3 – DBE Plan
- Appendix A – Team Member Information



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- Appendix B – Reference Projects
- Appendix C – Resumes
- Appendix D – Receipt of Addenda

3.2 Cover Letter

A one-page cover letter shall be included in the SOQ. The cover letter must contain the business name, business type (corporation, joint venture, partnership) and must identify one contact person. The address, phone, fax, and e-mail for the contact person must be included.

3.3 Part 1 – Submitter Experience

Demonstrate relative experience with projects that involve design, construction and maintenance of larger scale infrastructure programs. Identify the team member's ability to meet the goals of the reference Bridge Improvement Project. At a minimum, demonstrate experiences in each of the following areas:

- Use of innovative approaches to deliver a project within budget.
- Experience and approaches to delivering projects on schedule or ahead of schedule.
- Design, construction, maintenance, and administration of a large-scale program.
- Integration of design, construction, maintenance, public information, environmental activities, and safety.
- Implementation of public information plans on a project to minimize and mitigate construction impacts to customers.
- Meeting or exceeding project DBE goals.

Each Submitter shall provide a brief summary of any experience in providing financial services for a long-term highway infrastructure program. The summary should include detailed information about the creditworthiness of its financial partner.

Each Submitter shall provide a brief summary of any experience in implementing and administering a long-term public infrastructure maintenance program. This would include describing the objectives and results of their past experience and expected outcomes of this program.

A maximum of 12 reference projects can be described for each Submitter. Work on the reference projects must be within the past seven years.

Appendix B shall be incorporated into Part 1 by reference. MoDOT reserves the right to contact references identified in Form 2 – Reference Project Summary.



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3.4 Part 2 – Key Personnel and Organization

Each Submitter shall define Key Personnel and a corresponding organizational chart that demonstrates the Submitter's knowledge of the Project and approach to meeting the project goals. Each Submitter shall describe the organization style of the team and indicate how the qualifications of each Key Personnel increase the Submitter's ability to meet or exceed the Project goals.

Submitters should define the following six positions as Key Personnel.

- **Project Manager** – The Project Manager is responsible for all aspects of the Project, including, but not limited to, overall design, construction, maintenance, quality management, contract administration, finance, and public information. The Project Manager should have at least ten years of recent experience managing the design, construction, and maintenance of large-scale infrastructure projects. The Project Manager must be assigned to the Project full time and shall be required to be on site for the duration of the Project.
- **Quality Manager** – The Quality Manager's responsibilities include, but are not limited to, creation and execution of the Submitter's quality program, quality assurance activities independent of production, enforcement of quality procedures, and documentation of quality records including public information, environmental compliance and DBE/labor compliance. The Quality Manager shall report directly to the Submitter's executive management team. The Quality Manager should have at least ten years of recent experience developing, implementing, and overseeing quality programs.
- **Design Manager** – The Design Manager is responsible for ensuring the project design is completed and all design requirements are met. The Design Manager must be assigned to the Project full time during design activities, and be available during construction activities. The Design Manager should have at least ten years of recent experience managing the design of transportation projects and must be a registered professional engineer in the State of Missouri.
- **Construction Manager** – The Construction Manager shall be responsible for the overall structure and roadway construction for the Project. The Construction Manager shall be assigned to the program full time during construction activities. The Construction Manager shall have at least seven years of recent experience managing the construction of transportation projects, and materials testing.
- **Structures Maintenance Manager** – The Structures Maintenance Manager shall be responsible for the overall maintenance requirements for all structures in the program for the life of the contract. The Structures Maintenance Manager shall be assigned to the program full time during maintenance activities carried out within the maintenance period as defined



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in Section 1.1 of this document, "Project Description". The Structures Maintenance Manager shall have at least seven years of recent experience in the maintenance and repair of highway infrastructure.

- Public Information Manager – The Public Information Manager is responsible for developing and implementing a Public Information Plan. The Public Information Manager shall be assigned to the program full time during the Initial Construction period. The Public Information Manager should have at least seven years of recent experience coordinating public information on public projects. At a minimum, the Public Information Manager should have an undergraduate degree in Communications, Journalism, or appropriate field of study.

Additional Key Personnel with minimum requirements may be included in the RFP.

Submitters may provide resumes for up to six additional personnel.

Appendix C shall be incorporated into Part 2 by reference.

3.5 Part 3 – DBE Plan

Describe your detailed plan to meet or exceed the DBE participation goals described in Section 2.9 for the Project.

3.6 Appendix A – Major Participant Information

Appendix A must include:

- Form 1 – Major Participant Information. One form is to be completed for each Major Participant.
- Letter(s) of Bonding Capacity – The Submitter shall provide a letter(s) from a surety or insurance company or companies stating that the Submitter is capable of obtaining a performance bond and payment bond, in accordance with the following requirements. In accordance with 227.107 and 227.100 RSMo, during the Initial Construction Period, the Contractor shall annually provide a Performance Bond for the maximum amount of \$250,000,000. In the case of a joint venture, multiple letters may be provided for members who will be jointly and severally liable for the work. Letters indicating "unlimited" bonding capability are not acceptable. The surety or insurance company or companies providing such letter(s) must be licensed as a surety or sureties and qualified to do business in the State of Missouri and must be listed in the current edition of US Department of Treasury, Fiscal Service – Circular 570, *Companies Holding Certificates of Authority as Acceptable Sureties of Federal Bonds and as Acceptable Reinsuring Companies*.



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3.7 Appendix B – Reference Projects

Appendix B must include:

- Form 2 – Reference Project Summary. One summary is to be completed for each reference project described in Part 1. Each summary is limited to a maximum of two pages. A maximum of 12 reference projects can be described for each Submitter.

3.8 Appendix C – Resumes

Appendix C must include:

- Form 3 – Resume Summary
- Resumes – Resumes for the six identified Key Personnel are to be included. Additionally, resumes may be included for up to six additional personnel. Each resume is limited to two pages.

3.9 Appendix D – Receipt of Addenda

Appendix D must include:

- Form 4 – Receipt of Addenda

4 SUBMITTAL REQUIREMENTS

4.1 Page Limits

The maximum number of pages is shown in the following table:



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Item	Maximum Number of Pages
Cover Page	1
Title Page	1
Table of Contents	1
Part 1 – Submitter Experience	15
Part 2 – Key Personnel and Organization	
Part 3 – DBE Plan	
Appendix A – Major Participant Information	as needed
Appendix B – Reference Projects	24
Appendix C – Resumes	21
Appendix D – Receipt of Addenda	1

Dividers between sections of the SOQ are not counted.

4.2 Format

The SOQ must be formatted for 8.5" x 11" paper. Charts and other graphical information may be formatted for 11" x 17" paper. Use of 11" x 17" format shall be limited to a maximum of two pages. Minimum font size is 11 points. However, 10-point text may be used within graphs or tables.

4.3 Due Date and Quantities

SOQs must be submitted by 4:00 pm, Central Standard Time, on the date shown in Section 2.3. One hard copy of the SOQ is to be delivered to the Project Director as shown in Section 2.2. Submitters shall also e-mail one Adobe Acrobat format of the SOQ, in a single .pdf file, to safeandsound@modot.mo.gov by the same due date and time.

5 EVALUATION PROCESS

5.1 SOQ Evaluation

MoDOT will evaluate all responsive SOQs to determine the most highly qualified Submitters. MoDOT will use the criteria set forth in this RFQ using the following weightings:



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Item	Weight
Part 1 – Submitter Experience	50%
Part 2 – Key Personnel and Organization	50%
Part 3 – DBE Plan	pass/fail

5.2 Short Listed Submitters

MoDOT will use the SOQ Evaluation Process to determine a ranked list of Submitters. MoDOT will short-list at least two (if any) but not more than five most highly qualified Submitters.

MoDOT will publish a list of short listed Submitters on the project web site and will notify, via e-mail, all Submitters of the posting of this information.

5.3 Debriefing Meetings

After the short list is posted, Submitters may request an informal debriefing meeting with MoDOT to discuss the RFQ and the short-listing process.

6 PROTEST PROCEDURES

6.1 RFQ Protests

A Submitter may protest the results of the above-described evaluation and qualification process by filing a written notice of protest by hand delivery or courier to the Director of MoDOT with a copy to the MoDOT Project Director. The protesting Submitter shall concurrently file a copy of its notice of protest with the other Submitters. The notice of protest shall specifically state the grounds of the protest.

Notice of protest of any decision to accept or disqualify an SOQ on responsiveness grounds must be filed within five calendar days after the earliest of notification of non-responsiveness or the public announcement of short listing. Notice of protest of the decision on short listing must be filed within five calendar days after the public announcement of short listing.

Within seven calendar days of the notice of protest, the protesting Submitter must file with the Director of MoDOT, with a copy to MoDOT Project Director, a detailed statement of the grounds, facts and legal authorities, including all documents and evidentiary statements, in support of the protest. The protesting Submitter shall concurrently deliver a copy of the detailed statement to all other Submitters. Evidentiary statements, if any, shall be submitted under penalty of perjury. The protesting Submitter shall have the burden to prove that the decision of MoDOT was arbitrary and capricious.

Failure to file a notice of protest or a detailed statement within the applicable period



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shall constitute an unconditional waiver of the right to protest the evaluation or qualification process and decisions thereunder, other than any protest based on facts not reasonably ascertainable as of such date.

Other Submitters may file by hand delivery or courier to the Director of MoDOT, with a copy to the MoDOT Project Director, a statement in support of or in opposition to the protest. Such statement must be filed within seven calendar days after the protesting Submitter files its detailed statement of protest. MoDOT will promptly forward copies of any such statements to the protesting Submitter.

Unless otherwise required by law, no evidentiary hearing or oral argument shall be provided, except, in the sole and absolute discretion of the Director of MoDOT, a hearing or argument may be permitted if necessary for protection of the public interest or an expressed, legally recognized interest of a Submitter or MoDOT. The Director of MoDOT or his designee will issue a written decision regarding the protest within 30 calendar days after MoDOT receives the detailed statement of protest or any allowed (discretionary) evidentiary hearing or oral argument. Such decision shall be final and conclusive. The Director of MoDOT or his designee will deliver the written decision to the protesting Submitter and copies to the other Submitters.

If a notice of protest regarding responsiveness is filed prior to release of the draft RFP, MoDOT may proceed with issuance of the draft RFP before the protest is withdrawn or decided, unless the Director of MoDOT or his designee determines, in his or her sole discretion, that it is in the public interest to postpone issuance of the draft RFP. Such a determination shall be in writing and shall state the facts on which it is based.

If the Director of MoDOT or his designee concludes that the Submitter filing the protest has established a basis for protest, the Director or his designee will determine what remedial steps, if any, are necessary or appropriate to address the issues raised in the protest. Such steps may include, without limitation, withdrawing or revising the decisions, issuing a new request for qualifications or taking other appropriate actions.