



**VISION ZERO**  
zero deaths  
zero serious injuries

**Montana Department of Transportation**

2701 Prospect  
PO Box 201001  
Helena MT 59620-1001

*Greg Gianforte, Governor*  
*Malcolm "Mack" Long, Director*

Date: June 28, 2022

Subject: **Request for Proposals**  
Statewide Retaining Wall Study  
STPX STWD(859)  
UPN 10010000

To Whom It May Concern:

The Montana Department of Transportation (MDT) is accepting proposals from consulting firms interested in the subject project. One firm will be selected to perform the work specified herein.

Teams may be established as necessary; however, it is expected that the prime consultant will be capable of completing the vast majority of the work, and the proposal must clearly identify the prime for this contract. As a rule, the prime consultant must complete at least 50% of the work for a specific project or assignment unless written exception is given.

Montana professional engineering licensure is required for this work and must be in-hand at the time your proposal is submitted. If this requirement is not met and clearly identified in the proposal, your proposal will be considered non-responsive.

If your firm is interested, please submit a proposal as described herein.

## **SCOPE OF WORK**

MDT has been implementing asset management practices for pavement and bridges since the 1990's. To date, MDT has not actively managed retaining walls along Montana roadways. Neither an inventory nor a database specific to retaining walls currently exists. This means the number, type, location, and condition of these walls are unknown.

This project will establish a comprehensive database for tracking, inspecting, and rating the state's retaining walls and develop an asset management planning tool to guide MDT decision making.

The initial objective of this project is to define, identify, inspect, and create a useable database of retaining walls. The second objective is to establish effective management of retaining walls through well-known and accepted risk-based asset management principles.

Tasks to meet the project objectives include, but are not limited to:

- ★ Evaluate best practices and survey surrounding states on rating systems and associated programs.
- ★ Locate, document, and inspect retaining walls throughout the state.
- ★ Develop and refine inspection and rating criteria for MDT needs and concerns. Inspection and continued monitoring may include techniques such as visual inspection, use of PathView, PathWeb, UAV's, LiDAR, instrumentation, or other possible geophysical techniques.
- ★ Implement rating system and database into a GIS mapping application (or similar application) that is compatible and meets current MDT IT requirements.

The lack of information about retaining walls is a growing liability. MDT's practice for pavement and bridges has been to apply the right treatment at the right time to avoid costly reconstruction and to make the most of limited funding. This approach now needs to be extended to retaining walls.

There are many benefits of this project. The most important is to help protect the safety of those who travel Montana roadways. Additionally, creating a comprehensive inventory will allow for establishing a consistent inspection program to assess and report the condition of all retaining wall assets. The assessment of structure conditions will identify construction and defect related trends and develop a life cycle analysis for the inventory. This will help manage these assets, identify risk, and determine where funding should be directed to preserve retaining walls through asset management.

MDT's construction program and project delivery will also see benefits through a more comprehensive knowledge of each project area.

## **LOCATION**

Statewide

## **PROJECT SCHEDULE AND DELIVERABLES**

The project schedule will be developed and negotiated prior to executing the contract agreement. MDT anticipates this study to take between 24-36 months from contract execution to final deliverables.

MDT will host a live Q&A session with MDT Geotechnical Bureau and Consultant Design on July 14, 2022. This will be an opportunity to answer questions related to this study. To receive the Zoom link, contact Kelly Williams ([kwilliams@mt.gov](mailto:kwilliams@mt.gov) / 406-444-7964)

## **STANDARDS, SPECIFICATIONS, AND POLICIES**

Work is expected to follow MDT's various Manuals, Guides, and Policies. These items may be found on MDT's Design Consulting web page at: <http://www.mdt.mt.gov/business/consulting/>.

## **PROPOSAL SUBMITTAL**

**Submit one (1) electronic version (Adobe© PDF format) of the proposal. Hard copy proposals will not be accepted.**

Submit the electronic version by uploading to the State of Montana File Transfer Service (FTS) site, which can be accessed at this link: <https://transfer.mt.gov>. To upload to FTS, an account must be created unless the person who is uploading already has an account. Uploading instructions can be accessed at <https://transfer.mt.gov/Home/Instructions>. When your proposal has been uploaded, the FTS system will prompt you for an email. Please send this email of your uploaded proposal to the following individuals:

Sheryl Tangen: [stangen@mt.gov](mailto:stangen@mt.gov)

Dave Holien: [dholien@mt.gov](mailto:dholien@mt.gov)

Kelly Williams: [kwilliams@mt.gov](mailto:kwilliams@mt.gov)

**The Department must receive the proposals for this RFP no later than 3:00 PM MST, August 11, 2022.**

Regardless of cause, late proposals will not be accepted and will automatically be disqualified from further consideration. It shall be solely the vendor's responsibility to assure delivery at the specified office by the specified time. Offeror may request the State return late proposals at vendor's expense or the State will dispose of late proposals if requested by the offeror. (See Administrative Rules of Montana (ARM) 2.5.509.). If no request is made, late proposals become the property of the Department. All proposals submitted on time become the property of the Department.

The costs for developing and delivering responses to this solicitation are entirely the responsibility of the offeror. The State is not liable for any expense incurred by the offeror in the preparation and presentation of this submittal.

## **TENTATIVE RFP/SELECTION SCHEDULE**

The anticipated schedule for consultant solicitation and selection for this contract is as follows (subject to change):

June 28, 2022: RFP released  
July 14, 2022: Live Q&A Session – 1:00 PM via Zoom – [kwilliams@mt.gov](mailto:kwilliams@mt.gov)  
August 11, 2022: Proposals due to be submitted to MDT Consultant Design  
September 02, 2022: Proposals reviewed, rated, and ranked by the evaluation committee  
September 07, 2022: Consultant Selection Board meeting to select consultant  
September 14, 2022: Scoping meeting with selected consultant

There are three (3) members on the evaluation committee for this RFP (subject to change):

1. MDT Geotech and Pavement Bureau Chief
2. MDT Geotechnical Operations Manager
3. MDT Geotech District Engineering Manager

## **PROPOSAL CONTENTS**

The proposal must contain the information listed in this section. The proposal is **limited to fourteen (14) pages**, not including the required Appendices. A single cover jacket/title page is allowed if desired and will not count in the page limit. Each page is defined as one side of a letter size sheet (no larger than 8 ½” x 11”), minimum font size of 10. Evaluation of information will begin with the first page immediately following the cover jacket/title page, and every page will be counted, in order, from that point forward, including any table of contents or divider pages the firm wishes to include. Once the page limit is reached, any information included thereafter will be removed and not considered or scored. Please organize your proposal in the same order and numbering format as shown below, which will assist MDT in reviewing your proposal:

### **Questions**

#### **1. Team Qualifications**

Provide a discussion on how the team you propose to use for this project (including subconsultants, if used) is best qualified to respond to the requirements of this project. Discussion should focus on the requirements for this specific project, particularly your team’s expertise and experience, as it relates to the work described in the “Scope of Work” section above. Provide examples of previous related project experience as it relates to these services. Identify professional licensure of staff that satisfy the requirements for this contract. Include an organizational chart of your team for this project. Also briefly discuss your compatibility of systems, software, and equipment (i.e. GIS, BrM, CADD software, word processing software, etc.), and experience with these systems, software, and equipment. The Department’s standard design software is Autodesk® technology included in the Architecture, Engineering & Construction (AEC) Collection. Describe any special equipment or software you intend to use. Resumes may be considered as supplemental information for scoring this question.

#### **2. Project Approach**

This study has many challenging aspects, and the development and delivery of a successful project that addresses and mitigates specific project challenges is of utmost interest to MDT. Discuss the challenges you foresee as they relate to this project and its requirements, your strategy for addressing these challenges, and your specific experience in implementing the strategies identified. Describe your quality assurance/quality control

process. Include a discussion on the current and projected workload of key personnel, the effects that workload would have on your ability to successfully deliver this project, and your overall plan for delivering this project in a timely manner.

#### **Appendix A: Resumes**

Include brief resumes for the key personnel to be assigned to the contract. **Resumes are limited to one (1) page per person.**

#### **Appendix B: Cover Page Form**

Include a completed version of MDT's standard cover page form, available at the following location:

<http://www.mdt.mt.gov/other/webdata/external/cdb/MDT-CDB-002-Proposal-SOQ-Cover-Sheet.pdf>

Information presented in the cover page form will not be considered in proposal scoring.

#### **Appendix C: References**

Submit references that includes a minimum of five (5) separate contracts from the past three (3) years. If applicable, you may submit multiple contracts for a single client. Each contract must pertain to work similar to the proposed scope of services. Include client name, a currently employed primary contact person, an alternative contact person, corresponding valid phone numbers and emails for both contacts, a range of contract value, and a brief description of the work performed. If MDT needs to use these references for the Past Performance Score (as described in the "Evaluation of Proposals" section below) and is unable to contact the required number of references after a reasonable effort, the firm will receive a zero for the missing reference(s).

### **EVALUATION OF PROPOSALS**

All proposals will be evaluated in accordance with the following factors:

#### **1) Team Qualifications (50 points possible)**

#### **2) Project Approach (100 points possible)**

#### **3) Record of past performance (30 points possible)**

- a) If two (2) or more MDT evaluations specific to the discipline for this contract are available for the consultant, the average score of these evaluations will be used. Evaluations for Project Management & Overall Performance will also be included.
- b) If fewer than two (2) MDT evaluations specific to the discipline for this contract are available for the consultant, but there are two (2) or more MDT evaluations are available for other work disciplines, the consultant's current overall past performance score from MDT evaluations will be used.
- c) If there is only one (1) MDT evaluation available for the consultant, the record of past performance score will be an average of the MDT evaluation and one (1) reference check from the references provided in the unbound attachment.
- d) If no MDT evaluations are available, the average score of two (2) reference checks from the references provided in the unbound attachment will be used for this score.

Regardless of partnership/teaming relationships, the past performance of the prime consultant will be the past performance scored that will be used for this score.

All Proposals will be evaluated using the following basic scoring methodology:

1. Outstanding/Exceptional response: 90-100% of the available points
2. Good response: 70-90% of the available points
3. Average response: 50-70% of the available points
4. Poor response: 30-50% of the available points
5. Qualifications not clearly met: 0-30% of the available points

Following the review, evaluation, and rating of all proposals, the final results will be presented to the Consultant Selection Board (Board) at the MDT Headquarters Building. At this time, the Board will select the most qualified firm(s) to perform the work. The Board may consider any proposal scoring within 2% of the highest-scoring proposal as equally qualified and take into account its knowledge of the firms' workload, past performance, and familiarity with the project area and local entities in selecting the most-qualified consultant. In the event that a firm cannot be identified as the most qualified through an evaluation of these proposals, MDT reserves the right to narrow down the list of responding firms to an appropriate short list. Short-listed firms will either be asked to provide a supplemental proposal or asked to be interviewed or provide a presentation. Scores from the proposals, supplement project proposals (if used), and interviews (if used) will be carried forward to determine final consultant score. Consultant selection is finalized by MDT at the Consultant Selection Board meeting.

### **INDIRECT COST RATE REQUIREMENTS**

Proof of the firm's Indirect Cost Rate (overhead rate) is ***not required*** with this proposal submittal. However, an Indirect Cost Rate may be required prior to executing a contract according to MDT's Indirect Cost Rate Requirements:

All submitted indirect cost rates must be calculated in accordance with 23 CFR 172 for the cost principles of 48 CFR part 31 and include the required items identified in the MDT Indirect Cost Rate Policy located in Appendix A of the Consultant Services Manual on the MDT Internet website.

[http://www.mdt.mt.gov/other/webdata/external/cdb/consultant\\_manual/consultant-design-manual\\_combined.pdf](http://www.mdt.mt.gov/other/webdata/external/cdb/consultant_manual/consultant-design-manual_combined.pdf)

***Do not show any actual numerical financial information such as the overhead rate or personnel rates within your proposal. Specific cost information of the firm or team should not be part of the proposal.***

### **AGREEMENT REQUIREMENTS**

Contract agreements will generally be administered on a cost-plus fixed fee basis. The contracts will have negotiated cost ceilings. If a consulting firm is selected for a specific project and a contract agreement is successfully negotiated, certain financial information will be required as part of the contract agreement. As described in the Indirect Cost Rate Requirements section above, all Consultants and subconsultants must provide the Department with an Indirect Cost Rate (as applicable) audited (when applicable) in accordance with 23 CFR 172 for the cost principles of 48 CFR Part 31 and based on the firm's latest completed fiscal year's costs. Personnel rates, profit, and direct expenses must be clearly outlined and provided to the Department. The standard MDT agreement can be found at the following address:

***Do not submit actual numerical financial information within this proposal.***

### **STATE OPTION TO AWARD**

While the State has every intention to award a contract resulting from this RFP, issuance of the RFP in no way constitutes a commitment by the State to award and execute a contract. Upon a determination such actions would be in its best interest, the State, in its sole discretion, reserves the right to:

1. Cancel or terminate this RFP (18-4-307, MCA);
2. Reject any or all proposals received in response to this RFP (ARM 2.5.602);
3. Waive any undesirable, inconsequential, or inconsistent provisions of this RFP that would not have significant impact on any proposal (ARM 2.5.505);
4. Not award a contract, if it is in the State's best interest not to proceed with contract execution (ARM 2.5.602); or
5. If awarded, terminate any contract if the State determines adequate funds are not available (18-4-313, MCA).

### **SINGLE POINT OF CONTACT**

From the date this solicitation is issued until the consultant selection is finalized by MDT at the Consultant Selection Board meeting, offerors are not allowed to communicate with any state staff or officials regarding this solicitation, except at the direction of the Consultant Design Engineer. If unauthorized contact is made and the Consultant Design Engineer determines the context of the contact gives the firm an unfair advantage, the firm will be disqualified from the solicitation. Contact information for the single point of contact is as follows:

**Dave Holien**  
Consultant Design Engineer (Acting)  
Montana Department of Transportation  
(406) 444-6118 (Direct Line)  
[dholien@mt.gov](mailto:dholien@mt.gov)

### **DBE GOALS**

There are no DBE goals for this work, but firms are strongly encouraged to utilize DBE firms if applicable. A Montana certified DBE list is available and can be found on the MDT web page, <http://www.mdt.mt.gov/business/contracting/civil/dbe.shtml>.

### **NONDISCRIMINATION COMPLIANCE**

Consultants will be subject to Federal and Montana nondiscrimination laws and regulations (see attached notice titled "MDT NONDISCRIMINATION AND DISABILITY ACCOMMODATION NOTICE").

If you have any questions, please contact me at (406) 444-6118, or by email at [dholien@mt.gov](mailto:dholien@mt.gov).  
I look forward to receiving your proposal.

Sincerely,

*David T. Holien*

Dave Holien, P.E.  
Consultant Design Engineer (Acting)

#### Attachment

#### e-copies:

Jay Skoog, ACEC Executive Director-Montana Chapter  
Dustin Rouse, MDT Chief Engineer  
Ryan Dahlke, MDT Preconstruction Engineer  
Damian Krings, MDT Highways Engineer  
Megan Handl, Acting MDT Civil Rights Bureau Chief

Kelly Williams, MDT Consultant Plans Engineer  
Dave Holien, MDT TA Engineer, CDE (Acting)  
MDT Consultant Design Bureau file  
Jeff Jackson, MDT Geotech and Pavement Engineer



## MDT NONDISCRIMINATION AND DISABILITY ACCOMMODATION NOTICE

Montana Department of Transportation (“MDT”) is committed to conducting all of its business in an environment free from discrimination, harassment, and retaliation. In accordance with State and Federal law MDT prohibits any and all discrimination and protections are all inclusive (hereafter “protected classes”) by its employees or anyone with whom MDT does business:

### Federal protected classes

Race, color, national origin,  
sex, sexual orientation, gender identity,  
age, disability, income-level & Limited  
English Proficiency

### State protected classes

Race, color, national origin, parental/marital status,  
pregnancy, childbirth, or medical conditions related to  
pregnancy or childbirth, religion/creed, social origin or  
condition, genetic information, sex, sexual orientation,  
gender identification or expression, ancestry, age,  
disability mental or physical, political or religious  
affiliations or ideas, military service or veteran status,  
vaccination status or possession of immunity passport

For the duration of this contract/agreement, the PARTY agrees as follows:

**(1) Compliance with Regulations:** The PARTY (hereinafter includes consultant) will comply with all Acts and Regulations of the United States and the State of Montana relative to Non-Discrimination in Federally and State-assisted programs of the U.S. Department of Transportation and the State of Montana, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.

**(2) Non-discrimination:**

- a. The PARTY, with regard to the work performed by it during the contract, will not discriminate, directly or indirectly, on the grounds of any of the protected classes in the selection and retention of subcontractors, including procurements of materials and leases of equipment, employment, and all other activities being performed under this contract/agreement.
- b. The PARTY will provide notice to its employees and the members of the public that it serves that will include the following:
  - i. A statement that the PARTY does not discriminate on the grounds of any protected classes.
  - ii. A statement that the PARTY will provide employees and members of the public that it serves with reasonable accommodations for any known disability, upon request, pursuant to the Americans with Disabilities Act as Amended (ADA).
  - iii. Contact information for the PARTY’s representative tasked with handling non-discrimination complaints and providing reasonable accommodations under the ADA.
  - iv. Information on how to request information in alternative accessible formats.

- c. In accordance with Mont. Code Ann. § 49-3-207, the PARTY will include a provision, in all of its hiring/subcontracting notices, that all hiring/subcontracting will be on the basis of merit and qualifications and that the PARTY does not discriminate on the grounds of any protected class.

**(3) Participation by Disadvantaged Business Enterprises (DBEs):**

- a. If the PARTY receives federal financial assistance as part of this contract/agreement, the PARTY will make all reasonable efforts to utilize DBE firms certified by MDT for its subcontracting services. The list of all currently certified DBE firms is located on the MDT website at [mdt.mt.gov/business/contracting/civil/dbe.shtml](http://mdt.mt.gov/business/contracting/civil/dbe.shtml)
- b. By signing this agreement, the PARTY assures MDT that:

*The contractor, sub recipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate.*

- c. The PARTY must include the above assurance in each contract/agreement the PARTY enters.

**(4) Solicitation for Subcontracts, Including Procurement of Materials and Equipment:** In all solicitations, either by competitive bidding, or negotiation, made by the PARTY for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the PARTY of the PARTY's obligation under this contract/agreement and all Acts and Regulations of the United States and the State of Montana related to Non-Discrimination.

**(5) Information and Reports:** The PARTY will provide all information and reports required by the Acts, Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information and its facilities as may be determined by MDT or relevant US DOT Administration to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the PARTY will so certify to MDT or relevant US DOT Administration, as appropriate, and will set forth what efforts it has made to obtain the information.

**(6) Sanctions for Noncompliance:** In the event of a PARTY's noncompliance with the Non-discrimination provisions of this contract/agreement, MDT will impose such sanctions as it or the relevant US DOT Administration may determine to be appropriate, including, but not limited to:

- a. Withholding payments to the PARTY under the contract/agreement until the PARTY complies; and/or
- b. Cancelling, terminating, or suspending the contract/agreement, in whole or in part.

**(7) Pertinent Non-Discrimination Authorities:** During the performance of this contract/agreement, the PARTY, for itself, its assignees, and successor in interest, agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

*Federal*

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21;
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 *et seq.*), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 *et seq.*), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 *et seq.*), (prohibits discrimination on the basis of age);
- Airport and Airways Improvement Act of 1982, (49 U.S.C. § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (broadened the scope, coverage, and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975, and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients, and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibits discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 CFR parts 37 and 38;
- The Federal Aviation Administration’s Non-Discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which prevents discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of Limited English Proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);

- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. § 1681 *et seq.*).
- Executive Order 13672 prohibits discrimination in the civilian federal workforce on the basis of gender identity and in hiring by federal contractors on the basis of both sexual orientation and gender identity.

*State*

- Mont. Code Ann. § 49-3-205 Governmental services;
- Mont. Code Ann. § 49-3-206 Distribution of governmental funds;
- Mont. Code Ann. § 49-3-207 Nondiscrimination provision in all public contracts.

**(8) Incorporation of Provisions:** The PARTY will include the provisions of paragraph one through seven in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and/or directives issued pursuant thereto. The PARTY will take action with respect to any subcontract or procurement as MDT or the relevant US DOT Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the PARTY becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the PARTY may request MDT to enter into any litigation to protect the interests of MDT. In addition, the PARTY may request the United States to enter into the litigation to protect the interests of the United States.