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The REMADE Institute

Request for Proposals

REMADE RFP Number: 25-01-TR, Revised 9/26/25

**New York State Waste Tire Program**

Proposal Due Date: November 17, 2025

Release date of the RFP: September 17, 2025

Release date of this Version of the RFP: September 26, 2025

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| **Revisions made to the RFP** |
| **Sections Revised** | **Revision Purpose** | **Revision Date** |
| 3. Project Funding | clarification of funding | 09/25/2025 |
| 10. Criteria for Evaluation of Proposals  | added milestones and GNG milestones to 3rd bullet of Technical Feasibility criterion | 09/25/2025 |
| 11. Instruction for the Technical Proposal | Under Workplan and Milestones: added requirement for 1 GNG Milestone per year | 09/25/2025 |
| 13.3 Annual Project Reviews | added milestones and GNG milestones to language | 09/25/2025 |
| 14. Invoicing and Payment | Modified language for consistency with the clarification of funding made to Section 3 of this RFP | 09/25/2025 |
| **Five (5) Revisions---End of Revisions** |

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# **General Information:**

The REMADE Institute (REMADE), a division of the Sustainable Manufacturing Innovation Alliance (SMIA) Corp. is soliciting proposals for two separate grant programs focused on development of technology and markets that will increase the beneficial use of scrap tires (commonly referred to as end-of-life tires or ELT) generated in New York State (New York State Waste Tire Program).

Responses to this Request for Proposals (RFP) are sought from industry including small business enterprises (SBE), academia, non-profits, and other stakeholders.

The due date for responses to this RFP is 5 pm EST on November 17, 2025. Proposals, including a Technical Proposal and a Budget proposal are to be submitted electronically at [Waste Tire Request for Proposal – REMADE Institute](https://remadeinstitute.org/funding/tire-rfp/). The Technical Proposal shall be submitted in PDF format, and the Budget Proposal shall be submitted in excel format.

Proposals submitted under this RFP will be merit reviewed, and proposers will be notified whether their proposal has been accepted for award per the schedule outlined in section 8. Unsuccessful proposers will also be notified.

The format and content required for the Technical Proposal and the Budget Proposal are described later in the RFP.

# **Background:**

REMADE has been awarded a contract by the New York State Department of Economic Development (NYSDED) to create and administer the New York State Waste Tire Program (Program)

The goals of the Program are to maximize the beneficial use of waste tires generated in New York State and to create the maximum practicable benefit to the economy of the State. To meet the objectives of the Program, proposals are sought for 1) development of new recycling, reuse, and remanufacturing/retreading technologies and/or significant process improvements to existing technologies and 2) demonstration of new recycling, reuse, and remanufacturing/retreading technologies and/or significant process improvements to existing technologies that will substantially increase the markets for and beneficial use of waste tire that are generated in the State.

Proposals will be accepted under one of two grant programs within the Waste Tire Program:

1. **Technology Development**: a competitive reimbursement grant program to provide funds for projects to ***develop*** technology that will lead to increased beneficial use of waste tires.
2. **Technology Demonstration**: a competitive reimbursement grant program to provide funds for projects that ***demonstrate*** technology that will increase the use of waste tires.

Proposals to improve the performance (reduce cost or increase quality of the product) of existing process technologies that will expand waste tire product markets and increase the beneficial use of waste tires generated in New York State will be accepted under both grant programs.

# **Project Funding**

## **3.1 Technology Development Projects**

**Technology Development Projects** are a competitive reimbursement grant program to provide funds for projects to ***develop*** technology that leads to increased beneficial use of ELT. Grant awards for Technology Development Projects will not exceed 50% of the total eligible project cost, with a maximum grant award of $250,000. For example, a Technology Development project with a total cost of $400,000 would receive a 50% grant award of $200,000. A Technology Development project with a total cost of $500,000 would receive the maximum 50% grant award of $250,000. A Technology Development project with a total cost greater than $500,000 would receive the maximum grant award of $250,000.

## **3.2 Technology Demonstration Projects**

**Technology Demonstration Projects** are a competitive reimbursement grant program to provide funds for projects that ***demonstrate*** technology will increase the beneficial use of ELT. Grant awards under this program will not exceed 80% of the total eligible project cost, with a maximum grant award of $250,000. For example, a Technology Demonstration project with a total cost of $200,000 would receive an 80% grant award of $160,000. A Technology Demonstration project with a total cost of $312,500 would receive the maximum 80% grant award of $250,000. A Technology Development project with a total cost greater than $312,500 would receive the maximum grant award of $250,000.

# **Development vs Demonstration Projects**

**Development** projects are considered as such when a process technology project requires structured research to fully develop the technology and to confirm the expected performance of the technology.

**Demonstration** projects are considered as such when the process technology is fully developed. The technology will be demonstrated to conduct pre-commercial trials that will establish the performance and market for the technology to enable the process technology to be commercially implemented.

# **General Guidance for Proposals**

General guidance and requirements for proposals submitted in response to this RFP include:

1. Project proposals may be submitted by industry, non-profits, or academia.
	1. Proposals can and should include project teams that will ensure the success of their project. Each proposal MUST have a single company or academic institution that will serve as the lead on the project, if awarded.
	2. Proposals from industry trade associations or consortia, acting on behalf of a group of individual companies or institutions, will NOT be accepted.
	3. For proposed Demonstration projects, preference will be given to projects led by industry.
2. All proposals MUST have a New York State partner as the source of ELT within the state.
3. All proposed projects MUST have an end-user partner for any products derived from ELT to validate the quality and market acceptance of any product produced from ELT.
4. Any proposal that intends to develop or demonstrate the use of ELT as rubber modified asphalt (RMA) or any other transportation application MUST clearly address the specific requirements that must be met so that your product can be certified for use by the New York State Department of Transportation.
5. Participation by qualified minority, women-owned and service-disabled veteran’s owned business is encouraged but not required. For any proposal submitted by these types of businesses, the business MUST be certified as such and included in the directory of the NYS Division of Service-disabled Veteran’s Business Development or the NYS Division of Minority and Women-owned Business Development, as appropriate.
6. Multi-year projects, not to exceed three (3) years, will be accepted. Proposing teams should develop realistic timelines for the successful execution of their proposed project.

# **Scope of Technologies/Projects that are Considered Responsive to this RFP**

Proposals for any proposed technology or process improvement that will lead to the increased beneficial use of ELT are considered responsive. The scope includes technologies to enable re-use, remanufacture/retread, and recycling of ELT. Proposals for improvements to existing processes or technologies to reduce processing costs and/or increase the quality of an ELT product are also considered responsive.

Examples of technologies and markets relevant to this project include but are not limited to:

1. novel uses of whole or shredded tires,

2) markets and applications for tire derived fuel (TDF), crumb rubber (CR), ground tire rubber (GTR) ground tire, micronized tire rubber (MTR), rubber modified asphalt (RMA), and tire-derived aggregate (TDA),

3) processing technologies that decrease the costs of retreading tires,

4) advanced technology for evaluating the remaining useful life of used tires for continued use or re-use,

5) integration and adaptation of AI and machine learning to increase yields, decrease costs or otherwise increase the performance of processes for converting ELT to marketable products,

5) advanced process technology for processing whole tires for removal of steel and fiber and production of TDF, CR and CR products, GTR, MTR, RMA, and TDA,

6) advanced process technology such as pyrolysis for converting tires to oils, carbon-black and other saleable products, and

7) technology to incorporate materials (e.g., GTR, MTR, carbon black, silica, and steel) from ELT into the manufacture of new tires.

# **Technologies/Projects that will be Considered Non-responsive to this RFP**

1. Uses of ELT that are not within the scope of this project include landfilling ELT or using any component of ELT in landfill applications (e.g., daily cover) and ELT incineration.
2. Projects that address policy, regulatory and/or institutional constraints.

# **Review and Selection of Proposals and Award of Projects**

Proposals that are submitted in response to this RFP are due by 5pm eastern on November 17, 2025. Proposals will be reviewed for compliance and merit by REMADE staff and other experts, as selected by REMADE. REMADE will endeavor to maintain the confidentiality of any proposal. Reviewers must comply with a conflict-of-interest disclosure. Proposals will be reviewed against a specified set of metrics that are described in a later section of this RFP.

Based upon review, REMADE will make recommendations to the NYS Dept. of Economic Development for proposals that should be selected for award. Neither REMADE nor NYSDED is under any obligation to select any proposed projects for award. Notification of project selections is anticipated by February 1, 2026.

For proposed projects approved by NYSDED, REMADE will negotiate a contract with the lead organization of the project team. REMADE will only negotiate one contract for each project. It will be the responsibility of each lead organization to make any business arrangements that may be required of any partner, participant, or subcontractor on their project to ensure their respective commitment to the project. The negotiations will include 1) contract for the scope of work, 2) supplying additional supporting information for the proposed budget that may be required, and 3) minor changes to the proposed scope of work to clarify project deliverables and goals. The target date to finalize contract negotiations and launch the projects is April 1, 2026.

# **Mandatory Qualification Requirements**

Your proposal must demonstrate your ability to comply with each of the items identified below.

1. Prior to the proposed due date for this RFP, the Bidder must have been in business for a

minimum of three years.

2. The Bidder must have the economic resources to pay expenses in advance of

reimbursement from REMADE. REMADE will reimburse expenses incurred based upon invoices submitted to REMADE. Advance payments will not be made.

# **Criteria for Evaluation of Proposals**

Proposals that meet the mandatory criteria described in Section 9 of this RFP will be evaluated and rated. The criteria against which each proposal will be evaluated are listed in the table below. The rating for Technology Development Project and Technology Demonstration Projects is indicated in the respective columns.

|  |  |  |
| --- | --- | --- |
| **Evaluation Criteria** | **Technology Development Projects**, points | **Technology Demonstration Projects**, points |
| 1. **Technical Feasibility** of your proposal-

Factors to be considered include: * Does your proposal convincingly demonstrate the likelihood that your project will achieve its stated objective?
* Is the project objective feasible and realistic within the schedule and budget of your proposal?
* Are your project goals, tasks, milestones, and GNG milestones clearly described and do they support the achievement of the objective of your project
 | 30 | 30 |
| 1. **Qualifications and Experience** of the project team and principal investigator

Factors to be considered include:* Does your project team include organizational and personnel experience and capabilities necessary to successfully execute your project?
* Does your team have experience relevant to your proposed project?
* Is the Principal Investigator clearly qualified to lead the project
 | 30 | 30 |
| 1. **Potential Impacts** of your project to New York State

Factors to be considered include: * Is your proposal clearly aligned with the objectives of the New York State Waste Tire Program
* Does your proposal provide evidence you understand the scope and requirements of the market for the beneficial use product that you will create?
* Does your proposal clearly state how you will source ELT generated by New York State?
* Does your proposal provide a convincing and realistic estimate of the number of ELT that your process will convert to beneficial use at commercial-scale?
* Does your proposal describe your plans to implement the technology of your project on a commercial scale?
 | 20 | 25 |
| 1. **Project Costs**

Factors that will be considered include: * total project costs
* reasonableness of costs relative to scope of work to be accomplished
 | 20 | 15 |

# **Instructions for the Technical Proposal**

**Technical Proposal Format and Length:** The technical proposal text must be Arial, Calibri, or Times New Roman type and no smaller than 11-point font and single-spaced. Each page of the proposal shall be numbered at the bottom right corner of the page with 1” margins on all sides. Any figures or tables that are included in the proposal must have explanatory captions and be directly relevant to your proposal. The header of each page of your technical proposal shall include the name of the lead organization submitting the proposal, followed by Technology Development or Technology Demonstration indicating for which grant you are applying. Please right justify the header information. There are no specific page limits for each section of the technical proposal, but your proposal should be concise. The complete technical proposal should not exceed 12 pages, including cover page, abstract and table of contents. Appendix A and B do not count towards page count.

The Section and content for each section of the technical proposal are described below.

|  |  |
| --- | --- |
| SECTION | DESCRIPTION |
| **Cover Page** | The Cover page shall include: Technical Proposal; Title of the Proposal; Technology Development Grant or Technology Development Grant, as appropriate; Total Cost of your proposed project; Name and Contact Information for one person who will serve as the technical lead for the project; Name and Contact Information for one person who will serve as the business lead for your project; List of Organization names of project partners (personnel names are not required) with Lead Organization listed first. |
| **Table of Contents** | Include a Table of Contents listing each major section and second level subheading within each major section of your technical proposal  |
| **1-page Abstract** | The abstract should be a one-page summary of the project that is suitable for public disclosure. It should include a statement of project objectives, methodology, and expected outcomes and identify your organizational project team. It should discuss the relevance of your project to the objectives of the New York State Waste Tire Program. |
| **Mandatory Qualification** | Provide information that you meet the Mandatory Qualification requirements of Section 9 of this RFP. |
| **Project Objective and Goals** | Provide a concise statement of the overall Objective of your project. List the key Goals that must be accomplished to enable you to meet your project Objective. Provide a brief (2-sentence) summary of the relevance of each goal to achieving the overall Objective of your project. |
| **Workplan and Milestones** | **Workplan**The workplan should be directly aligned with the goals of your project as listed in the previous section of your proposal. It is suggested that you prepare your work plan under Task subheadings in this section that reflect each of your stated goals. For example, Task 1. Descriptive Title for the Goal. The Workplan shall contain a concise description of the specific activities to be conducted throughout the life of the project that will support achievement of the project goals. The Workplan should describe the work to be accomplished and the expected outcome of the activities to be accomplished in each Task. The workplan shall identify the organization (personnel names are not requested or required) responsible for each activity. The work plan shall be a full explanation of the work being proposed (i.e., a statement such as “we will then complete a proprietary process” is unacceptable). It is the applicant’s responsibility to prepare an adequately detailed work plan. **Milestones*** Provide a list of Milestones for your project. Milestones are key accomplishments that are indicative of the progress of your project. Milestones can be key technical accomplishments or significant events. Submitting progress reports or deliverables to REMADE are not milestones. You should have one milestone for each 6 months of your project.
* Designate one milestone per year as a Go/No-Go (GNG) Milestone.
 |
| **Project Schedule** | Present a schedule for the duration of your project. The schedule can be in the form of a table or a Gantt chart. The timescale for the schedule is project months. The schedule should reflect the duration of each task in your project and the month in which milestones are achieved. |
| **Project Team Organization and Experience** | **Team Organization**Discuss your team’s organization and describe the specific roles and responsibilities and expected contribution of each organization to your project. **Organizational Experience and Capabilities**Briefly summarize the relevant experience and capabilities of each organization of your team. Letters of participation from each organization on your project team are to be attached as Appendix A.**Principal Investigator and Key Personnel Experience and Capabilities**Provide a biographical sketch for the PI and the key personnel on your team in this section of your proposal. The sketch should describe their expected contribution to the project, their capabilities relevant to achieving the goals and objective of the project, and their experience that is relevant to the project. The biographical sketch of the PI should also indicate the experience and capabilities of the PI in managing projects of a similar nature to the proposed project. Attach full resumes of the Principal Investigator and key personnel as Appendix B. |
| **Potential Impacts and Commercial Deployment Strategy** | **Potential Impacts**Provide an estimate of the potential impact (annual number of ELT converted to beneficial use) of your project/technology when commercially deployed. Discuss the basis of your estimates in sufficient detail to indicate the reasonableness of your estimate.Discuss other beneficial impacts (e.g., economic, jobs creation) to New York State. **Commercial Deployment Strategy**Discuss your plans for commercial deployment of the technology of your project. If the technology will be incorporated into your or a project partner’s current business operations, so state. Discuss how you will source ELT generated in New York State. Provide an estimate of the timeline for commercial deployment.  |
| **Appendix A: Letters of Participation** | Attach a letter from each of your project partners on their letterhead that supports their participation in the project. The letter should briefly describe their expected roles and responsibilities and expected contribution to the project. |
| **Appendix B:****Resumes** | Attach resumes of the PI and key project personnel. |

# **Instructions for the Budget Proposal**

The Budget Proposal is to be submitted as a separate document from the Technical Proposal. The template can be downloaded from https://remadeinstitute.org/funding/tire-rfp/. Your Budget Proposal shall include all costs including staffing fees, subcontractor costs, equipment costs, supplies, and any other costs required to complete the scope of work for your project as described in your Technical Proposal for the total project, by project year.

#  **Project Management and Reporting**

## **13.1 Project Manager Briefings**

A REMADE technical project manager will be assigned to your project. The technical project manager will serve as your key point of contact on your project. You will be required to meet with the project manager once per month to brief the project manager on the progress of your project. These meetings will be virtual and are scheduled for 30 minutes, although often these meetings are much shorter. Formal presentations are not required for these meetings.

## **13.2 Quarterly Project Status Reports.**

Brief quarterly status reports are required to document your progress on your project, to outline your plans for the next quarter, and to identify any issues or challenges that are likely to impact the achievements of the goals and objectives of your project and/or results in schedule slippage. Quarterly Project Status Reports will be required to be submitted to REMADE on the 15th of the month following each project quarter.

## **13.3 Annual Project Reviews**

You will be required to give a formal annual PowerPoint presentation on the progress of your project. Your presentation should clearly and succinctly describe your project objectives, achievement of specific project goals, milestones and GNG milestones, planned next steps for your project. Any setbacks in goals should be discussed and presented with your plan to overcome these setbacks to achieve the objectives of your project. These presentations will be virtual. Typically, presentations are scheduled for 30 minutes with 15 minutes allotted for your presentation and 15 minutes allotted for Q&A by the reviewers.

Projects that are not positively reviewed may be terminated.

## **13.4 Final Project Report**

You will be required to prepare a Final Project Report for your project that outlines your project objectives, summarizes the work conducted to meet those objectives, and outlines the anticipated next steps and plans for commercial deployment of the project. Draft Final Reports will be due within 45 days of the end date of your project. The REMADE project manager will review your report and may make recommendations to be considered and/or addressed to finalize your report. The review will be completed within 30 days. Your final Report will be due within 30 days of receipt of the review by the REMADE project manager.

# **Invoicing and Payment**

Invoices shall be submitted quarterly to REMADE. Invoices will be required to include backup information such as invoices from any subcontractors, vendors, or equipment suppliers on your project. Your invoices shall be for the total project expenditures for the quarter in which you are claiming your expenses. Your invoice expenses will be reimbursed at 50% of the invoice cost for Technology Development and 80% of the invoice cost for Technology Demonstration projects up to the total grant award for your project as outlined in *Section 3. Project Funding* of this RFP. REMADE will withhold 10% of reimbursement pending acceptance of the project final report and any other required project deliverables.