



Pre-Disaster Flood Resilience Grant (PDFRG) 2024 Implementation Grant Application

Wis. Stats. 323.63



The Pre-Disaster Flood Resilience Grant, administered by Wisconsin Emergency Management (WEM), a division of the Department of Military Affairs, is created for the purpose of identifying flood vulnerabilities, identifying options to improve flood resilience, and restoring hydrology in order to reduce flood risk and damages in flood-prone communities. Implementation grants shall be used for implementation of hydrologic restoration projects that have been either identified or designed through an assessment grant or comparable assessment process. Implementation grants shall support the regulatory coordination, engineering and design, construction, or post-construction monitoring of a hydrologic restoration project that reconnects streams and floodplains, reestablishes healthy channel form and condition, mitigates erosion hazards, removes or reduces wetland drainage, restores or improves natural flow and movement of water or sediment, or reestablishes vegetation to support site stability and help manage flow and infiltration.

Notice of Intent to Apply: Due September 30, 2024

Please send an email to DMAWEMHazardMitigation@widma.gov if you intend to apply for this program. Include a brief description of the project and project area so staff can review eligibility before you complete the full application.

The final application is due November 30, 2024. Submit the completed application via email to DMAWEMHazardMitigation@widma.gov. You will receive an email confirmation of receipt within 48 hours. If you do not receive confirmation within that timeframe, please call (608) 242-3222 and leave a message with your name, phone number, and community/applicant information.

All questions must be answered completely and accurately. WEM staff reviewing the application may not be familiar with your community, the specific project area, or the need for the proposed project. Therefore, it is the responsibility of the applicant to ensure that their application addresses all of the required items. This is particularly important given the competitive nature of the grant program. If you are unsure as to the meaning of a particular question, contact WEM prior to attempting to answer that question.

You may complete the application on this form or submit the responses on a separate document. Please attach all appropriate supporting documentation to the email when you submit the application.

Applicant

Date:

Entity name:

Entity type: [city, village, town, county, tribe, RPC, nonprofit, private consultant]

Contact name:

Contact title:

Contact address:

Contact phone:

Contact email:
Alternate contact name:
Alternate contact title:
Alternate contact phone:
Alternate contact email:

If additional local governmental units are participating in the project, please list them here:

If applicant is a nonprofit or private consultant, which local governmental unit(s) are you applying on behalf of:

Contact at local governmental unit:

Name:
Title:
Address:
Phone:
Email:

Applicant Eligibility

Please indicate which of the following makes this application eligible:

- The project area includes an area that has been the site of a presidentially declared disaster for flooding at any time in the 10 years preceding this grant application cycle. Disaster number and year: DR-
- The project area includes an area that has previously been the site of a governor-issued state of emergency for flooding at any time in the 10 years preceding this grant application cycle. Year:
- The applicant or local unit(s) of government on behalf of which this application is submitted has a current, Wisconsin Emergency Management (WEM)-approved hazard mitigation plan that identifies localized exposure to flood risk. Name and expiration date of plan (WEM can look up this information if you don't have it):

Certification

Attach written documentation from the from the local governmental unit's main decision-authorizing body indicating the body has authorized the local governmental unit's participation in the grant project.

Attach written documentation from the local governmental unit's body responsible for expending the local governmental unit's funds indicating the body's commitment or intention to expend funds or provide in-kind contributions for the grant project and to be responsible for any costs in excess of the estimated budget.

Attach written documentation from the applicant indicating the applicant's commitment to fulfill all requirements of the program contained in state program guidelines including the submission of all appropriate forms and that the project will meet all applicable local codes and standards as well as other appropriate state requirements.

Project Cost Estimate

Total project cost (100%):

State share percent (maximum 75%):

State share amount (maximum \$250,000):

Applicant share percent (minimum 25%):

Applicant share amount:

Source(s) of applicant share of funding:

The applicant share may be comprised of local, tribal, federal, nonprofit, or private funds and may include in-kind contributions, including goods and services and administrative costs for the project and the grant. Another state grant may not be used to provide cash match. Please contact WEM with questions.

Project Title and Description

Project title (should include a geographic indicator and project type):

Brief description (one or two sentences giving a general description of the project):

Detailed Description of the Problem

Provide a detailed description of the problem to be solved as a direct result of the proposed project including:

- a. How the project will help understand or address areas where degraded hydrology contributes to flooding and erosion problems; and
- b. Whether the proposed project is at or upstream of areas where flooding or erosion has contributed to repetitive damage.

How will this project contribute to future flood or erosion reduction? Include documentation of previous damage or future expected damage to public and private property (residential and commercial), impacts to public health and safety, government response costs (fire, police, public works, human services, etc.), impacts to environmental and cultural resources, and loss of use of utilities and infrastructure.

Please describe if/how the risk/problem is identified in a local/county/tribal hazard mitigation plan, the state's Threat Hazard Identification and Risk Assessment (https://wem.wi.gov/wp-content/library/Mitigation/Appendix_A_THIRA.pdf), or another local or regional planning/risk assessment document (e.g., land and water resource management plan, watershed plan, etc.).

Project Scope of Work and Outcomes

Provide a detailed scope of work for the proposed mitigation project.

Implementation grants are for hydrologic restoration projects that have been identified or designed through an assessment grant or comparable assessment process. For implementation grant applications:

- Describe the assessment process used to identify this project. Provide justification for the selection of the proposed project over other alternatives including doing nothing. The

reason may be monetary, environmental or physical, or related to the degree of effectiveness, maintenance costs, other reasonable causes, or a combination of these factors.

- Identify the project type(s), more than one can be included in the same application: regulatory coordination, engineering and design, construction, or post-construction monitoring.
- Describe hydrologic conditions in the project area. Indicate which of the following activities the project will include and how each proposed activity will help restore degraded hydrology:
 - Reconnect streams and floodplains
 - Establish healthy channel form and condition
 - Mitigate erosion hazards
 - Remove or reduce wetland drainage
 - Restore or improve natural flow and movement of water or sediment
 - Reestablish vegetation to support site stability and help manage flow and infiltration
- Attach preliminary designs or specifications from a licensed professional engineer or other accredited design professional, if applicable. Appropriate standards or codes should be referenced. (Any floodplain studies that will be submitted to the Wisconsin Department of Natural Resources and the Federal Emergency Management Agency for review and approval must be completed by a professional engineer licensed in Wisconsin.)
- If a higher level of protection is anticipated to be achieved through this project, please describe. (What magnitude of storm or flood event will this project protect against? Provide the source of this information.)
- Describe how well this project will withstand a severe storm or flood event.
- If this project will alter the floodplain in any way, include a plan for completing FEMA's CLOMR/LOMR map revision process. More information can be found here: <https://www.fema.gov/flood-maps/change-your-flood-zone/lomr-clomr>.

Project Location

Attach maps and photographs indicating the project location. Please include several clear, color photographs of the location for the proposed project site from different angles. Define the project area using addresses, geographic landmarks, latitude and longitude, legal descriptions, etc. If available, please include the following:

- Hydrologic unit codes
- Watershed boundary map

Please indicate whether the project area includes a current locally-adopted floodplain map or flood insurance rate map (FIRM). If so, provide the map. FIRMs and Flood Insurance Studies can be downloaded from the FEMA Map Service Center at <https://msc.fema.gov/portal>.

List all state senate, state assembly, and congressional districts in the project area (<https://maps.legis.wisconsin.gov>).

Budget

Provide a breakdown of cost elements such as engineering and design, project management, construction, materials, equipment, etc. Lump sums are not acceptable. Contingencies are limited to 5%.

Cost estimates must be reasonable and adequately described (e.g., using published cost estimating guides, a contractor's estimate/bid, or historic costs from another activity or project within the community). Documentation must be provided. Cost-plus-percentage-of-cost contracts are not allowed.

If applicable, consider incorporating costs for completing FEMA's CLOMR/LOMR process for map revisions.

Costs incurred prior to grant award are not eligible.

Cost Effectiveness

Provide a benefit-cost analysis or narrative describing the cost effectiveness of the project. Include a discussion of actual and/or potential future benefits and any costs that are not captured in the budget, such as future maintenance costs.

Work Schedule

Include a work schedule for the proposed project (**not to exceed 24 months**). The schedule should indicate major milestones or phases of the project and the expected completion date of each phase (e.g., engineering, design, permit process, project management, construction, post-construction monitoring, etc.).

If applicable, consider incorporating milestones for completing FEMA's CLOMR/LOMR process for map revisions.

Routine Maintenance

Identify whether there will be future required maintenance to sustain the hydrologic restoration. If so, identify who will carry out the maintenance. **Applicants are responsible for any and all future maintenance costs on an approved project.** Attach a letter committing to providing the required maintenance for the life of the project.

Environmental Considerations

An environmental and historic preservation review is required for certain projects before the application can be approved. While it is WEM's responsibility to complete the review, the applicant should provide any environmental and historic preservation information they have at the time of application, including any special studies that need to be performed.

Contact

Please contact Wisconsin Emergency Management's Hazard Mitigation Section at DMAWEMHazardMitigation@widma.gov with questions.