

Request for Quote

Northern Virginia Hazard Mitigation Plan Update: Risk Assessment – Hazard Identification and Vulnerability

The Northern Virginia Emergency Response System (NVERS) is seeking quotes for the completion of a Risk Assessment – Hazard Identification and Vulnerability, as part of the 2027 *Northern Virginia Hazard Mitigation Plan* update.

The purpose of this request for quote is to identify an estimated cost¹ to enter a firm fixed-price contract with a qualified organization or individual to conduct a hazard identification and vulnerability risk assessment in Northern Virginia. The assessment is a component of the *Northern Virginia Hazard Mitigation Plan* update. The assessment and resulting detailed report should include the following aspects:

- Hazard Identification and Profiling
- Vulnerability Assessment
- Impact of Development Trends
- Capability Assessments

Background and Overview

The 2027 *Northern Virginia (NOVA) Hazard Mitigation Plan* will be a revision and update to the 2022 *NOVA Hazard Mitigation Plan*. This plan fulfills the requirements of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, as amended by the Disaster Mitigation Act of 2000 (DMA2K) for the following localities:

- | | |
|------------------------|-------------------------|
| • City of Alexandria | • Loudoun County |
| • Arlington County | • Town of Lovettsville |
| • Town of Clifton | • City of Manassas |
| • Town of Dumfries | • City of Manassas Park |
| • City of Fairfax | • Town of Middleburg |
| • Fairfax County | • Town of Occoquan |
| • City of Falls Church | • Prince William County |
| • Town of Hamilton | • Town of Purcellville |
| • Town of Haymarket | • Town of Quantico |
| • Town of Herndon | • Town of Round Hill |
| • Town of Hillsboro | • Town of Vienna |
| • Town of Leesburg | |

¹ This figure will inform a grant application, anticipated to be submitted in fall 2025.

The updated plan will also ensure the region's preparedness and resilience against natural, manmade, and technological hazards, aligning with Federal Emergency Management Agency's (FEMA) standards to maintain eligibility for federal mitigation funding.

The plan must be approved by the Virginia Department of Emergency Management (VDEM) and FEMA, and adoptable by the constituent localities. The revised plan must be pre-approved by FEMA and available for adoption by local jurisdictions before the current plan's expiration date, February 2028.

The Northern Virginia Hazard Mitigation Plan will be updated to comply with the following requirements:

- 44 CFR 201.6: The plan must comply with the Code of Federal Regulations 44 CFR 201.6 Local Mitigation Plans, and all policies outlined in the Local Mitigation Planning Policy Guide, Effective April 11, 2025.
 - https://www.fema.gov/sites/default/files/documents/fema_local-mitigation-planning-policy-guide_042022.pdf
- EMAP: The plan must also comply with ANSI/EMAP 5-2022 Emergency Management Standard (or newer version, depending on next update), specifically standards 4.1 Hazard Identification, Risk Assessment, and Consequence Analysis, and 4.2 Hazard Mitigation.
 - <https://emap.org/wp-content/uploads/2023/04/EMAP-EMS-5-2022-Emergency-Management-Standard.pdf>
- CRS: The plan must comply with all Community Rating System (CRS) requirements for Activity 510 Floodplain Management Planning, outlined in the 2017 manual and 2021 manual addendum.
- Public Meetings: Any public meetings held in relation to development of the regional Plan shall be publicly announced and advertised in a manner that meets Code of Virginia requirements in Section 15.2-2204 and 15.2-2225.
- Element G High Hazard Potential Dams (HHPD): The National Dam Safety Program Act (Pub. L. 92-367), as amended, 33 U.S.C. § 467f-2, authorizes FEMA to provide High Hazard Potential Dams (HHPD) Rehabilitation Grant Program assistance for the rehabilitation of dams that fail to meet minimum dam safety standards and pose unacceptable risk to life and property. To be eligible for HHPD grants, local governments with jurisdiction over the area of an eligible dam must have an approved local hazard mitigation plan that includes all dam risks and complies with the Robert T. Stafford Act, as amended.

Risk Assessment (Hazard Identification and Vulnerability)

This request for quote is seeking to identify an estimated cost to enter a firm fix-priced contract with a qualified organization or individual to conduct a hazard identification and vulnerability

risk assessment in Northern Virginia. The assessment is a component of the *Northern Virginia Hazard Mitigation Plan* update. The assessment and resulting detailed report should include the following aspects:

- **Hazard Identification and Profiling:** Update the list of hazards that threaten the region, including natural, technological, and human-caused events, in accordance with FEMA guidelines, recent hazard occurrences, and best available data. Compile, analyze and incorporate new data into each hazard profile.
- **Vulnerability Assessment:** Assess the vulnerability of people, structures, systems, resources, and community activities to the identified hazards. Use quantitative data and GIS mapping where possible to illustrate potential impacts.
 - Conduct a vulnerability assessment that meets the requirements of 44CFR 201.5(c)(2)(ii). Utilize HAZUS and other assessment tools available. The extent of this analysis will depend on the availability of building-level data in each jurisdiction.
 - Research and incorporate data from other plans and tools that model flood risk, especially future conditions (e.g., DCR Flood Protection Master Plan, Coastal Resilience Master Plan).
 - Use a variety of best available tools and data to analyze the vulnerability for all other natural and manmade hazards.
- **Impact of Development Trends:** Analyze the impact of recent and future development trends on hazard vulnerability, incorporating land use, zoning, and population growth data.
- **Capability Assessment:** Evaluate existing local capabilities to manage hazard risks, including emergency response, land use planning, building codes, and public outreach.

Project Timeline

If requested grant funding is received, a request for proposal will be issued in fall 2026, to select a qualified organization or individual. The project's period of performance will begin on or around January 15, 2027 and terminate on May 1, 2027. If approved, grant funding from the United States Department of Homeland Security (DHS) and Federal Emergency Management Agency (FEMA) will be used to support this effort.

Minimum Quote Elements

1. Offeror's name, address, contact information, and subcontractor companies (if applicable).
2. A timeline to complete the project.
3. A preliminary work plan that describes the phases or segments into which the proposed project can logically be divided and performed.
4. An estimated price cost proposal to complete all milestones and deliverables.

Proposal Submission

An electronic copy of the quote must be sent to Julie Gall (Julie.Gall@nvers.org), no later than Friday, July 25, 2025. Offerors may direct questions to the above-listed email address during the application period.