

FEMA Hazard Mitigation Assistance Programs

DIVISION OF EMERGENCY MANAGEMENT AND HOMELAND SECURITY

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Presentation Agenda

- DEMHS 101
- FEMA Hazard Mitigation Assistance Programs Overview
- HMA Application Process Overview
 - Sub-Application Process
 - Sub-Application Sections Overview
 - Sub-Application Spotlight
- Questions

DEMHS 101

DEMHS MITIGATION UNIT

- FEMA Hazard Mitigation Assistance Program Grant Administration
 - Application Development
 - Technical Assistance
 - Outreach and Solicitation
 - Awards, Project Monitoring, Reimbursements, Quarterlies, and Closeouts
- Mitigation Planning
 - State Natural Hazard Mitigation Plan
 - Local Jurisdiction Hazard Mitigation Planning
 - Threat and Hazard Identification/Risk Assessment
- Other Mitigation and Cross Functional Efforts
 - New Resiliency Efforts, Drive Mitigation Priorities, and Grant Alignment

OTHER DEMHS DUTIES

- **Prevention/Mitigation**
 - Connecticut Intelligence Center (CTIC)
- **Planning/Preparedness**
 - Preparedness Grants Administration
 - All-Hazards Plan Development
 - Training and Exercise Development
- **Response**
 - State Response Framework
 - DEMHS is the coordination lead for state agencies across all emergency management phases
 - Activate and Coordinate Operations at the State Emergency Operations Center
- **Recovery**
 - State Disaster Recovery Framework
 - Public Assistance Programs (Public Assistance/Individual Assistance)
 - Damage Assessments, Briefings, Declarations, Grant Administration

Definitions and Glossary of Terms

“Hazard mitigation is defined as any sustained action taken to reduce or eliminate long-term risk to people and property from natural hazards and their effects”

FEMA Hazard Mitigation Assistance Guide (2015)

BCA – Benefit Cost Analysis

BCR – Benefit Cost Ratio

BRIC – Building Resilient Infrastructure and Communities

CIRCA – Connecticut Institute for Resilience and Climate Adaptation

DEMHS – Connecticut Division of Emergency Management and Homeland Security

DEEP – Department of Energy and Environmental Protection

EHP – Environmental/Historical Preservation

FEMA – Federal Emergency Management Agency

FMA – Flood Mitigation Assistance

GO – (FEMA) Grants Outcome

HMA – Hazard Mitigation Assistance

HMGP – Hazard Mitigation Grant Program

FEMA Hazard Mitigation Assistance Programs

HMGP



*Home Acquisitions
(pictured, Westport)*

Disaster-
dependent

State-managed
and competitive

15% of the first
\$2 billion in
Public Assistance
Award

BRIC



Infrastructure Projects

Nationally
competitive

Annual program

Replaced Pre-
Disaster
Mitigation (PDM)
in 2020

FMA



*Home Elevation
(pictured, Milford)*

Nationally
competitive

Annual program

Reducing losses
to National Flood
Insurance Policy
Properties

*All programs
continue to follow
project eligibility
and programmatic
policies in the
2015 Hazard
Mitigation
Assistance Guide*

Eligible Mitigation Activities

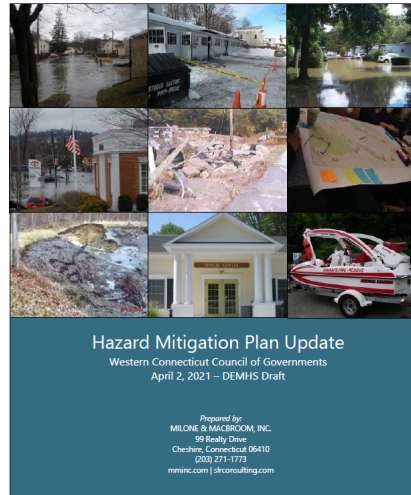
- Eligible mitigation activities as listed in the 2015 HMA Guide
 - *Eligible activities under PDM are eligible under BRIC*
- Construction Mitigation Projects
 - Culverts and Drainage Projects
 - Generators for Critical Facilities
 - Property Elevation/Acquisition
 - Dry Floodproofing
 - Localized Flood Risk Reduction such as Seawall Upgrades
 - Mitigation Reconstruction
- Hazard Mitigation Planning
- Community and Capacity Building Activities
 - *New under BRIC and FMA (2020)*
- Management Costs

Eligible Activities	HMGP	PDM	FMA
1. Mitigation Projects	✓	✓	✓
Property Acquisition and Structure Demolition	✓	✓	✓
Property Acquisition and Structure Relocation	✓	✓	✓
Structure Elevation	✓	✓	✓
Mitigation Reconstruction	✓	✓	✓
Dry Floodproofing of Historic Residential Structures	✓	✓	✓
Dry Floodproofing of Non-residential Structures	✓	✓	✓
Generators	✓	✓	
Localized Flood Risk Reduction Projects	✓	✓	✓
Non-localized Flood Risk Reduction Projects	✓	✓	
Structural Retrofitting of Existing Buildings	✓	✓	✓
Non-structural Retrofitting of Existing Buildings and Facilities	✓	✓	✓
Safe Room Construction	✓	✓	
Wind Retrofit for One- and Two-Family Residences	✓	✓	
Infrastructure Retrofit	✓	✓	✓
Soil Stabilization	✓	✓	✓
Wildfire Mitigation	✓	✓	
Post-Disaster Code Enforcement	✓		
Advance Assistance	✓		
5 Percent Initiative Projects	✓		
Miscellaneous/Other ⁽¹⁾	✓	✓	✓
2. Hazard Mitigation Planning	✓	✓	✓
Planning Related Activities	✓		
3. Technical Assistance			✓
4. Management Cost	✓	✓	✓

⁽¹⁾ Miscellaneous/Other indicates that any proposed action will be evaluated on its own merit against program requirements. Eligible projects will be approved provided funding is available.

Common Mitigation Activities in Connecticut

- Mitigation Plan Updates
- Project Scoping Activities
- Culverts and Drainage Projects
- Generators for Critical Facilities
- Property Elevations and Acquisitions



Hazard Mitigation Plan Update
Western Connecticut Council of Governments
April 2, 2021 – DEMHS Draft

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Western COG Multi-Jurisdictional
Mitigation Plan Update
PDM-2018



Greater New Haven Water Pollution Control Facility Generators: HMGP-4106

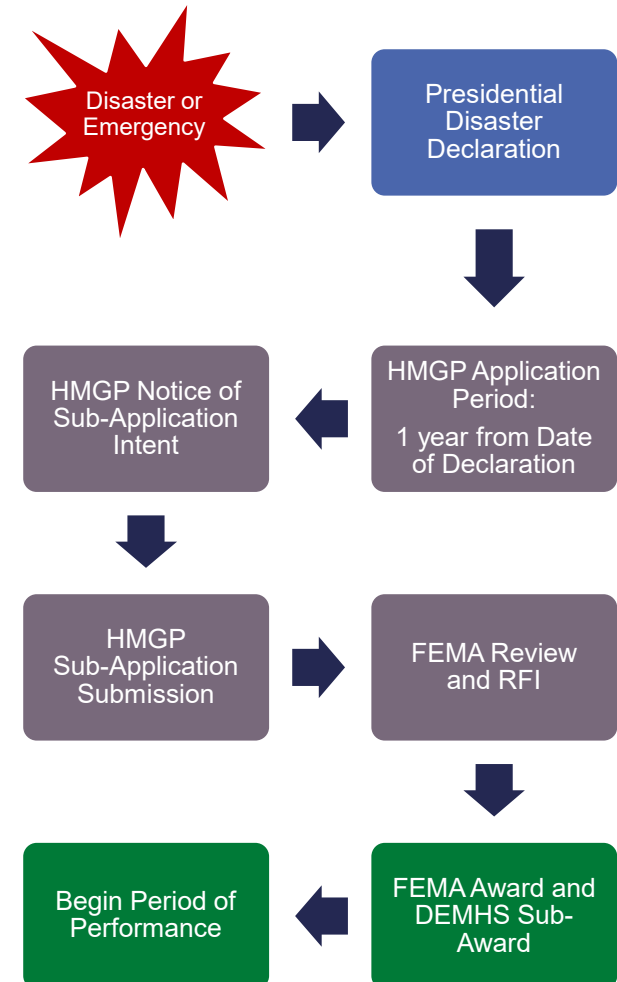


Meriden Harbor Brook Flood Control, Meriden: HMGP-4023

Sub-applicants are required to have a FEMA-approved Local or Tribal Hazard Mitigation Plan in accordance with 44 CFR Part 201 by the Application deadline and at the time of obligation of grant funds for mitigation projects and C&CB activities (with the exception of mitigation planning)

Hazard Mitigation Grant Program (HMGP)

- HMGP (Section 404 Robert T. Stafford Act) is awarded upon Presidential Disaster Declaration
 - 15% of the total Public Assistance Award set aside for HMGP (*up to the first \$2 Billion*)
 - Application Period is 1 year from Disaster Declaration
 - Projects chosen and submitted by State to FEMA
 - State ranking process only
- Eligible Sub-Applicants
 - State/Local Government
 - Non-Profit Organizations
 - Indian Tribal Nations
- Cost Share is 75% Federal, 25% Non-Federal



Flood Mitigation Assistance (FMA) Program

- Annual, non-disaster program
- Funds projects to reduce or eliminate risk of flood damage to buildings that are insured under the National Flood Insurance Program (NFIP).
- Eligible Sub-applicants
 - State/Local Government
 - Indian Tribal Nations
- Cost Share
 - Severe Repetitive Loss Property Mitigation (100/0)
 - Repetitive Loss Property Mitigation (90/10)
 - All other eligible projects identified in the 2015 Hazard Mitigation Assistance Guidance and Notice of Funding Opportunity (75/25)

All projects must be in compliance with CT DEEP Regulations and Requirements

Examples of Eligible FMA Projects

Localized Flood Control

Property
Elevation/Acquisitions

Floodwater Storage &
Diversion

Floodplain and Stream
Restoration

Stormwater Management

Wetland Restoration/Creation

FMA Project Ranking

FMA Localized Flood Risk Reduction Projects Ranking Priority	
NFIP Policy Holder	National Violation Tracker (NVT)
CDC Social Vulnerability Index (SVI)	Community Rating System (CRS) Participation
Consideration for Climate Change ¹ and Other Future Conditions	Cooperating Technical Assistance Partners Program (CTP) Participation
Incorporation of Nature Based Solution	FEMA Generated Projects or Other Federal Grant Award
Severe Repetitive Loss (SRL) and Repetitive Loss (RL) Properties	Implementation Measures
Private-Partnership Cost Share	

Severe Repetitive Loss (SRL)

- Projects that will mitigate flood damage to at least 50 percent of structures included in the subapplication that meet the definition of a RL property
- Property has incurred flood-related damage on two occasions, in which the cost of the repair, on the average, equaled or exceeded 25 percent of the market value of the structure at the time of each such flood event.

Repetitive Loss (RL)

- RL - Projects that will mitigate flood damage to at least 50 percent of structures included in the subapplication that meet the definition of a RL property:
- Property has incurred flood-related damage on two occasions, in which the cost of the repair, on the average, equaled or exceeded 25 percent of the market value of the structure at the time of each such flood event.

SRL (B)

- SRL (B) - Projects that will mitigate flood damage to at least 50 percent of structures included in the subapplication that meet the statutory definition of an SRL property:
- Four or more separate NFIP claims payments have been made with the amount of each claim exceeding \$5,000, and with the cumulative amount of claims payments exceeding \$20,000.

Building Resilient Infrastructure and Communities (BRIC)

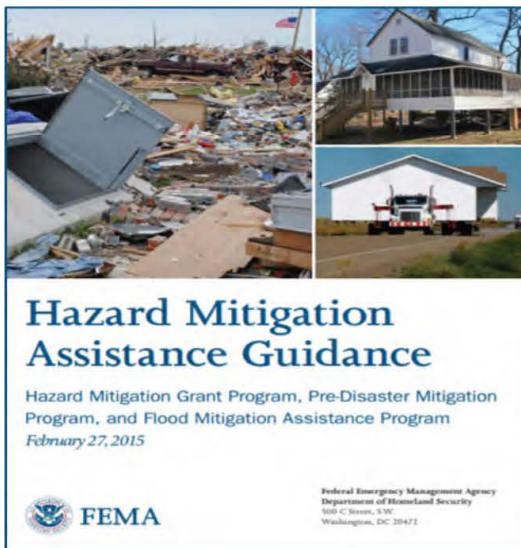
- The BRIC program provides federal funds to states, territories, tribal governments and local communities for pre-disaster mitigation activities
 - Disaster Recovery Reform Act, Section 1234 amended Section 203 of Stafford Act
- Eligible Sub-Applicants
 - State/Local Government
 - Indian Tribal Nations
 - Non-Profit Organizations
- Differences from Pre-Disaster Mitigation Program
 - Focus on Community Lifelines & Infrastructure Projects
 - Encourages Building Code Projects
 - Emphasis on Mutual/Shared Responsibility & Partnerships
 - Innovative Projects including Nature-Based Solutions

FEMA Community Lifelines



BRIC Eligible Activities

Existing Activities are Still Eligible



FEMA

Expanded Eligibility Includes:

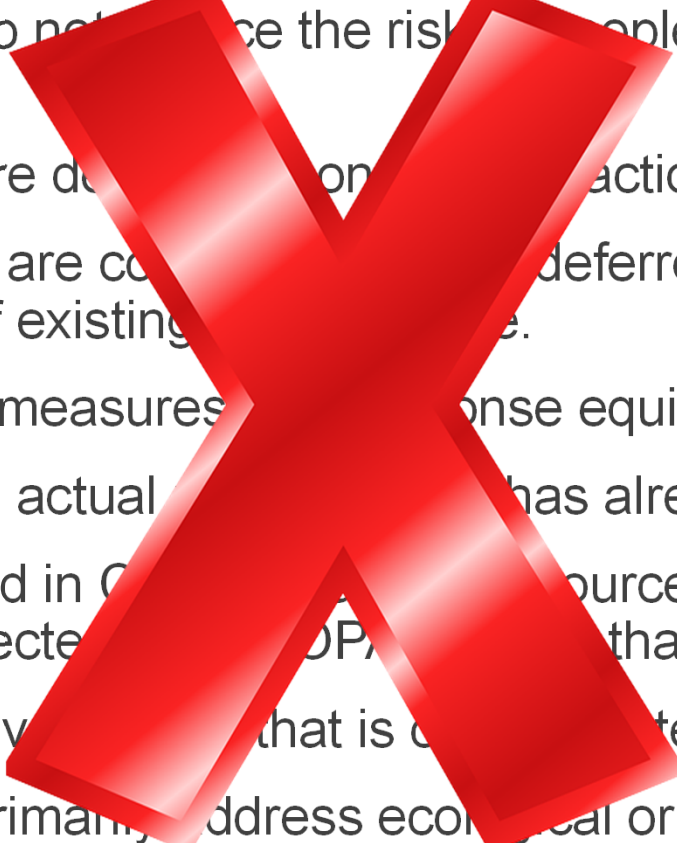
- Project scoping
- Building code activities
- Pre-award costs
- Additional activities for wildfire and wind implementation (DRRA Section 1205)
- Earthquake early warning (DRRA Section 1233)

Projects Must:

- Be cost-effective
- Reduce/eliminate risk and damage from future natural hazards
- Meet latest two consensus codes (i.e., 2015 or 2018 international building code)
- Align with Hazard Mitigation Plan
- Meet all environmental and historic preservation requirements

Ineligible Activities Under BRIC

as identified in the 2015 HMA Guide

- 
- Projects that do not address the risk to people, structures, or infrastructure.
 - Projects that are dependent on action to be effective.
 - Projects which are corrective deferred maintenance, or replacement of existing equipment.
 - Preparedness measures for response equipment.
 - Projects where actual construction has already started.
 - Projects located in Critical Response System (CBRS) Units or in otherwise protected areas, other than property acquisition.
 - Projects that involve a site contaminated with hazardous waste.
 - Projects that primarily address economic or agricultural issues



Capability & Capacity Building (C&CB)

“Activities that enhance the knowledge, skills, expertise, etc., of the current workforce to expand or improve the administration of mitigation assistance.”

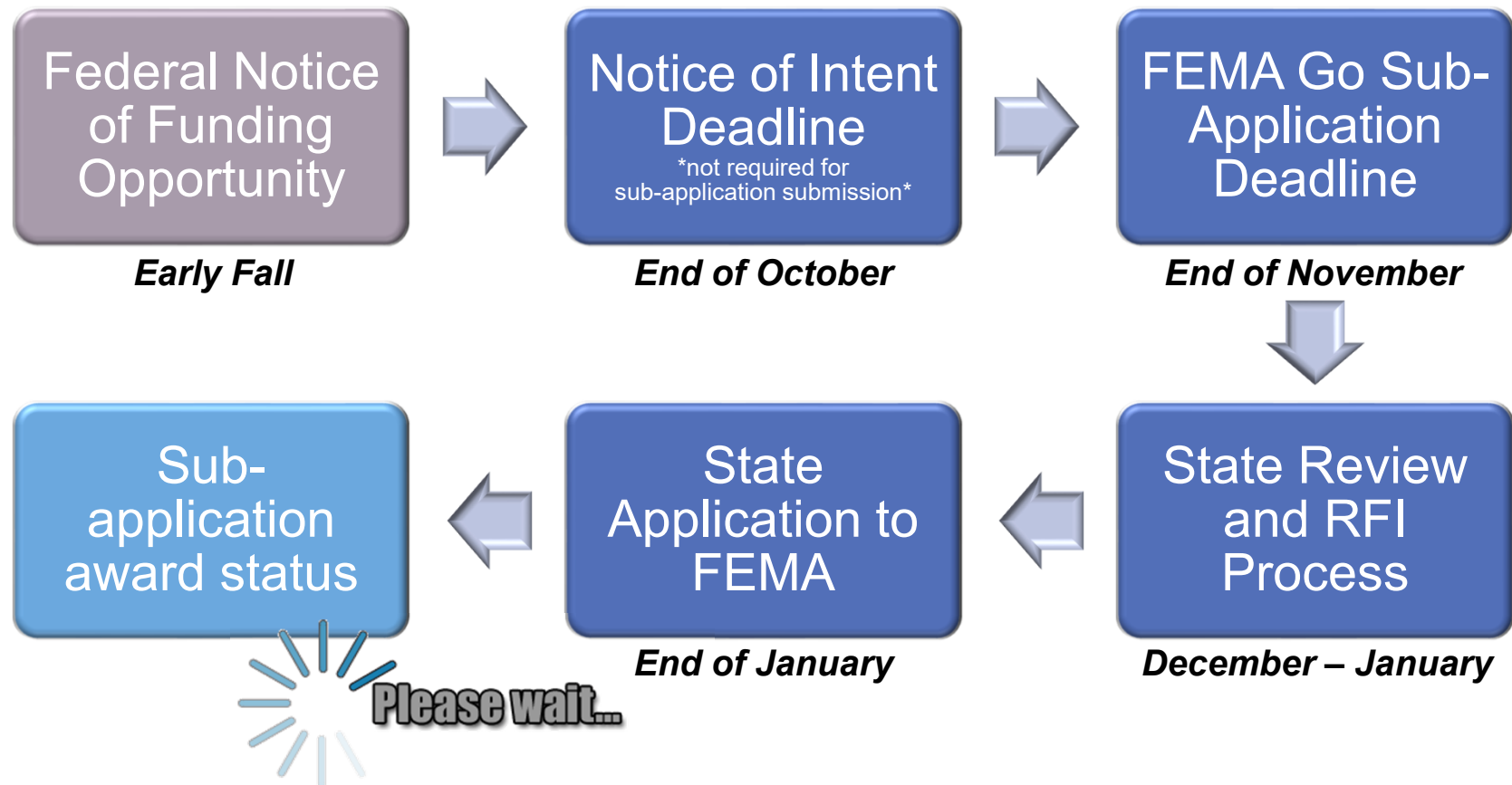
C&CB activities can only be submitted under the State/Territory Allocation

National Competition Technical Ranking - BRIC

BRIC Technical Evaluation Criteria



BRIC/FMA Application Timeline



HMA Sub-Application Sections

Sub-applicant
Information

Hazard
Mitigation Plan
Information

Scope of Work

Project Schedule
*(Period of
Performance)*

Detailed Line
Item Budget

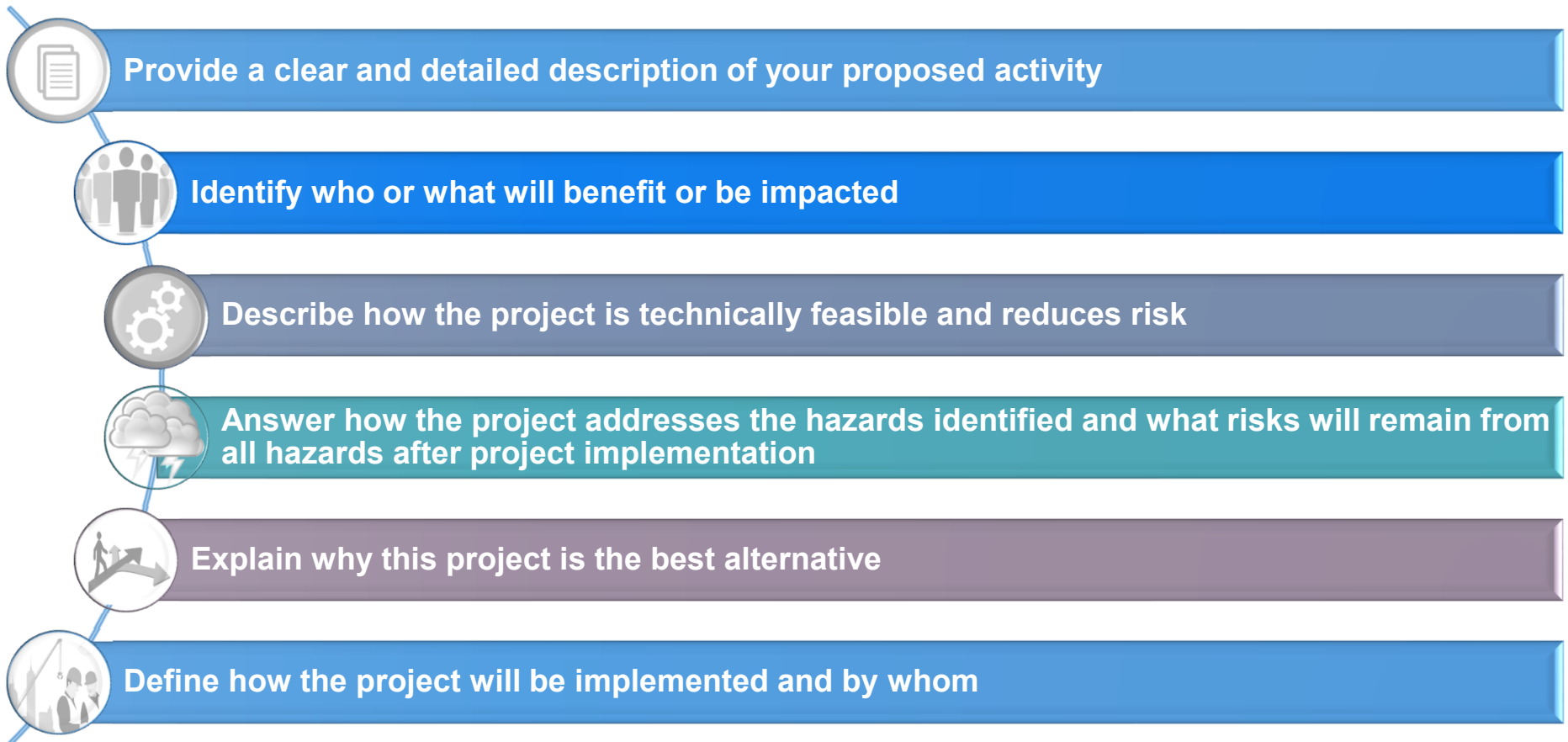
Local Match
Commitment

Benefit Cost
Analysis

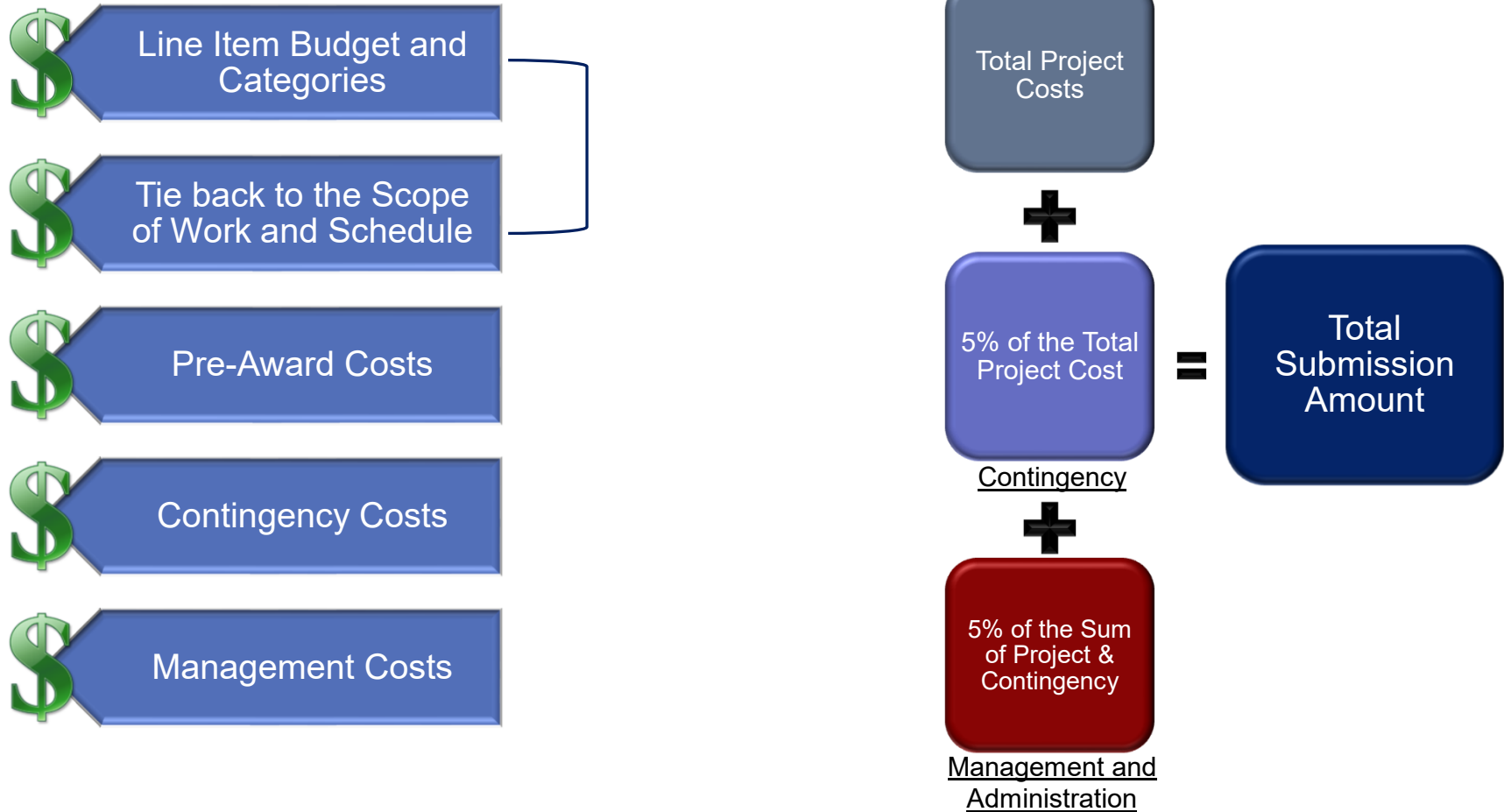
Environmental
and Historic
Preservation
Considerations

Additional
documentation or
attachments

Sub-Application Spotlight: Scope of Work



Sub-Application Spotlight: Detailed Budget



Project Example – HMGP Grants



Sele Drive Culvert, South Windsor, CT

Project Examples – HMGP Grants



Overlook Ave, New Britain, CT

Project Examples – HMGP Grants



Willington Ave, Stafford Springs, CT

Questions, Comments, and Discussion
DEMHS.HMGP@ct.gov