Hazard Mitigation Assistance

Floodplain Management Association
Sacramento Luncheon
August 16, 2018
Hazard Mitigation

What is Hazard Mitigation?

- Hazard mitigation is defined as any *sustained action* taken to reduce or eliminate *long-term risk* to human life and property from a hazard event.

“Fixing things before they break again.”
Hazard Mitigation Assistance

Disaster Specific

Annually Appropriated
HMA Grants Program

- **Hazard Mitigation Grant Program (HMGP)**
  - Post-disaster grant available to a state after a Presidential declaration

- **Pre-Disaster Mitigation (PDM)**

- **Flood Mitigation Assistance (FMA)**
  - Available annually, subject to Congressional appropriations
  - Nationally competitive
Federal & State Mitigation Roles

FEMA Mitigation Role
• Provides guidance and technical assistance to states and local jurisdictions to successfully apply for and manage HMA grants

Cal OES Mitigation Role
• Applicant/Recipient/Grantee
• Soliciting project proposals from eligible subapplicants
• Assisting subapplicants with developing applications
• Reviewing applications for eligibility and completeness
• Submitting applications to FEMA
• Provide sub-award to subapplicants
• Comply with HMA program requirements
## Eligible Subapplicants

<table>
<thead>
<tr>
<th></th>
<th>HMGP</th>
<th>PDM</th>
<th>FMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Agencies</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Tribal Governments</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Local Governments / Communities</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Private Non-Profit Organizations (PNPs)</td>
<td>✓</td>
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</tbody>
</table>
Hazard Mitigation Plan Requirement

Subapplicants

PDM & FMA - Must have a FEMA approved and Board adopted Mitigation Plan by the application deadline and at the time of award/obligation.

HMGP - Must have a FEMA approved and Board adopted Mitigation Plan by the time of award/obligation.
## Cost Share Requirements

<table>
<thead>
<tr>
<th>Cost Share</th>
<th>Federal share</th>
<th>Non-Federal share (Local Match)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMG</td>
<td>Up to 75%</td>
<td>At least 25%</td>
</tr>
<tr>
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<td>Up to 75%</td>
<td>At least 25%</td>
</tr>
</tbody>
</table>
| FMA | • Up to 75%  
• 90% (Repetitive Loss)  
• 100% (Severe Rep Loss) | • At least 25%  
• 10% (Repetitive Loss)  
• 0% (Severe Rep Loss) |

**Notes:**
- Federal share percentages may vary depending on the severity of the loss.
- Non-Federal share is required for all programs.
# Eligible Activities

<table>
<thead>
<tr>
<th>Eligible Activities</th>
<th>HMGP</th>
<th>PDM</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1. Mitigation Projects</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• Property Acquisition for Flood &amp; Structure Demolition</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>• Property Acquisition for Flood &amp; Structure Relocation</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• Structure Elevation</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• Mitigation Reconstruction</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• Floodproofing</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• Floodplain and Stream Restoration</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• Localized Flood Risk Reduction Projects</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• Soil Stabilization or Erosion Control</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• Minor Flood Control</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• Floodplain and Stream Restoration</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
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<tr>
<td><strong>1. Mitigation Projects</strong></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• Drainage Improvements</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• Flood Diversion and Storage</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• Structural/Non-Structural Seismic Retrofit</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>• Wind Retrofits</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• Wildfire Mitigation / Ignition Resistant Construction</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• Generators</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• Hurricane Safe Room Construction</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>• 5% Initiative Projects</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td><strong>2. Hazard Mitigation Planning</strong></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td><strong>3. Management Costs</strong></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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</tbody>
</table>

*Eligible Activities Continued*
Ineligible Activities

- Do not reduce the risk to people, structures, or infrastructure
- Dependent on another phase of a project
- Physical work that has occurred prior to award
- Projects constructing new buildings or facilities
- Address operation, deferred or future maintenance, repairs, or replacement
- Studies not directly related to design and implementation of a proposed project
- Preparedness measures and response equipment
- Major structural projects – levees, dams, etc.
Mitigation Projects

Elevation

Drainage Improvement
Flood Control Mitigation

Before

After
Erosion Control Mitigation
Structural Seismic Retrofit
Landslide Mitigation
Wildfire Mitigation / Ignition Resistant
Innovative Mitigation Actions

1. Hazardous fuels reduction
2. Logjam
3. Jute netting
Hazard Mitigation Grant Program (HMGP)

DR 4382

“Summer 2018 California Wildfires and High Winds”

Notice of Interest (NOI) OPENS: Monday, August 20, 2018

Notice of Interest (NOI) DEADLINE: Friday, October 5, 2018

• Currently available statewide HMGP funding = TBD

• Federal share limit for projects is TBD

• Cost share 25% Local and 75% Federal
Pre-Disaster Mitigation (PDM)

Notice of Interest (NOI) DEADLINE: Monday, September 24, 2018

eGrants Application DEADLINE: Monday, December 3, 2018

- Federal share limit for projects is $4,000,000
- Federal share limit for LHMP development
  - $125,000 for a single jurisdiction new or updated LHMP
  - $250,000 for a multi-jurisdiction new or updated LHMP
- Cost share 25% Local and 75% Federal
Flood Mitigation Assistance (FMA)

Notice of Interest (NOI) DEADLINE: Monday, September 24, 2018

eGrants Application DEADLINE: Monday, December 3, 2018

• Federal share limit for Community Flood projects is $10,000,000
• Federal share limit vary based on the type of individual flood projects
• FMA is part of the National Flood Insurance Program (NFIP)

• Cost share 75% Federal share and 25% Local
• Cost share 90% Federal share for RL structures
• Cost share 100% Federal share for SRL structures
PDM & FMA Community Projects

Notice of Interest (NOI) DEADLINE: Monday, September 24, 2018

eGrants Application DEADLINE: Monday, December 17, 2018

Federal share limit for Community Flood/Infrastructure projects

$10,000,000

• Cost share 75% Federal share and 25% Local
PDM & FMA Community Projects

Eligible activities include, but are not limited:

- Infrastructure protective measures
- Utility protective measures
- Water and sanitary sewer system protective measures
- Localized flood control to protect critical facilities
- Floodwater storage and diversion
- Floodplain and stream restoration
- Stormwater management
- Aquifer storage and recovery
- Wetland restoration/creation
Hazard Mitigation Grant Program Post Fire

FEMA places a high priority on supporting wildfire recovery using the Hazard Mitigation Grant Program (HMGP) for Fire Management Assistance

- Section 20602 of the Bipartisan Budget Act of 2018 authorizes HMGP Post Fire

Eligible Applicants:
- State agencies;
- Local governments; and
- Indian tribal governments

Eligible Projects
- Priority is for mitigation of wildfire and related hazards, such as flood or erosion.
- Is available for the risk reduction of any hazard.
Advance Assistance

Notice of Interest (NOI) DEADLINE: Monday, September 24, 2018

eGrants Application DEADLINE: Monday, December 3, 2018

- Used to develop project applications
- Federal share limit for Advance Assistance: TBD
- Cost share 75% Federal share and 25% Local
- No Benefit Cost Anyalsis (BCA) required
Advance Assistance

Eligible activities include, but are not limited to:

- Collect data for BCAs, and EHP compliance
- Perform professional cost estimation services
- Obtain staff or resources to develop a cost-share strategy
- Conduct engineering design and feasibility studies for larger or complex community drainage projects or critical facility retrofits
- Conduct hydrologic and hydraulic studies for unmapped flood zones or Approximate Zone A areas where communities propose to submit hazard mitigation projects
Subapplication Contents

- Scope of Work
- Schedule
- Cost Estimate
- Benefit-Cost Analysis (BCA) & Documentation
- Feasibility & Effectiveness Documentation
- Environmental & Historic Preservation Documentation
HMA Program Guidance

February 27, 2015

Hazard Mitigation Assistance Guidance

Hazard Mitigation Grant Program, Pre-Disaster Mitigation Program, and Flood Mitigation Assistance Program

February 27, 2015

Federal Emergency Management Agency
Department of Homeland Security
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Washington, DC 20572
Contacts

California Governor’s Office of Emergency Services

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