Non-Disaster Grant Programs

KAMM Conference
September 11, 2014

Esther White, Project Grants Manager
UK Hazard Mitigation Grants Program
Pre-disaster Grant Programs

- Pre-Disaster Mitigation (PDM)
- Flood Mitigation Assistance (FMA)
Pre-disaster Grant Programs

• Generally an annual cycle
• FY2014 PDM April 21 – July 25
• Funding split:
  – PDM: Federal 75% / Local 25%
  – FMA
    • NFIP-insured: Federal 75% / Local 25%
    • Repetitive Loss (RL): Federal 90% / Local 10%
    • Severe Repetitive Loss (SRL): Federal 100%
Pre-disaster Grant Programs

• Submitted in eGrants online application system
• Various restrictions and guidelines apply to each program:
  – PDM
    • Maximum of 11 applications per state; maximum of 2 regular project applications
    • Period of Performance maximum 24 months
    • FEMA Priority: Plans, then Projects
  – FMA
    • Must be NFIP-insured
    • RL/SRL: FEMA/KDOW Validated Property List
    • FEMA Priority: Plans, SRL, RL, Others
<table>
<thead>
<tr>
<th>Eligible Activities</th>
<th>HMGP</th>
<th>PDM</th>
<th>FMA</th>
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<tr>
<td>1. Mitigation Projects</td>
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<td>Property Acquisition and Structure Demolition</td>
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<td>Property Acquisition and Structure Relocation</td>
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<td>Structure Elevation</td>
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<td>Mitigation Reconstruction</td>
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<td>Dry Floodproofing of Historic Residential Structures</td>
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<td>Dry Floodproofing of Non-residential Structures</td>
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<td>Minor Localized Flood Reduction Projects</td>
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<td>Structural Retrofitting of Existing Buildings</td>
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<td>Non-structural Retrofitting of Existing Buildings and Facilities</td>
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<td>Safe Room Construction</td>
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<td>Wind Retrofit for One- and Two-Family Residences</td>
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<td>Infrastructure Retrofit</td>
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<td>Soil Stabilization</td>
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<td>Wildfire Mitigation</td>
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<td>Post-Disaster Code Enforcement</td>
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<td>Generators</td>
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<td>5 Percent Initiative Projects</td>
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<td>Advance Assistance</td>
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<td>2. Hazard Mitigation Planning</td>
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<td>3. Management Costs</td>
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FY2014 PDM

- PDM (75% Federal/25% Local)
  - 6 Planning Applications: $300,000
  - 2 Project Applications: $1,359,579
    - Landslide
    - Acquisition/Demolition (6 Structures)
FY2014 FMA

- FMA
  - 6 Planning Applications: $150,000
  - 16 Project Applications: $18,523,948 (Federal share: $15,976,604)
    - FMA SRL (100% Federal):
      » Acquisition/Demolition (19 Structures)
      » Elevation (5 Structures)
    - FMA RL (90/10):
      » Acquisition/Demolition (31 Structures)
      » Elevation (1 Structure)
      » Flood Vents (1 Structure)
    - FMA Regular (75/25):
      » Acquisition/Demolition (50 Structures)
PDM & FMA Process

- Request submitted to UK HMGP
- BCA completed
- Cost effective proposals develop application in eGrants
- Project manager reviews
- Clearinghouse information submitted
- Revisions completed
- Application released to KYEM
- Application submitted to FEMA
- Region IV programmatic review ~ 60 days
  - Project applications identified for further review move to EHP review
  - Requests for Information (RFI) may be issued
Benefit Cost Analysis

- Mitigation projects must be cost effective to be eligible for funding as demonstrated by a FEMA-validated BCA.
- If the benefits are greater than costs, the project is cost-effective.
  - The BCA evaluates the future benefits (projected losses avoided) of the project in relation to the project costs.
BCA Methods

- Full Data Version 5.0
- Damage Frequency Assessment Version 5.0
- Substantial Damage Waiver
- Cost Effectiveness Pre-Calculated Benefits for Acquisition/Demolition or Elevation
- Tornado Safe Room Version 5.0
- Earthquake Version 5.0
- Statement of Cost Effectiveness
  - Initiatives
  - Land Value for SD Acquisitions
Benefit Cost Analysis

• Benefits are more difficult to count than costs
• Benefits *happen in the future* and must be calculated based on statistics
• Project costs occur up front and are determined by cost estimates
Benefits

- Direct damages to buildings, contents, and infrastructure
- Avoided deaths and injuries
  - Flash Flood; \# x Value of a Statistical Life (VSL) \approx \$6.6\ million
- BCA 5.0 New Benefits Features
  - Volunteer Costs: Flood fighting costs avoided
  - Street Maintenance Costs: larger acquisition/relocation projects, future costs avoided if infrastructure is removed
  - Mental Stress & Anxiety: Flood, DFA (\# persons x \$2443)
  - Lost Productivity: Flood, DFA (\# workers x \$8736)
  - NFIP Administration & Claim Costs: Avoided future need for insurance policy
- Avoided loss of function for economic impacts (roads, bridges, utilities)
- Environmental impacts (Acquisition)
  - Green Space = \$7853/acre/year
  - Riparian = \$37,493/acre/year
Costs

Items to consider:

• Costs appropriate for the project
• Costs in present-day dollars
• Costs are well documented and from a credible source
• No lump sum project costs
• No contingencies
• No administrative costs
Mitigation Grants Requirements: EHP

• Environmental laws and regulations according to
  • 44 CFR part 9: Floodplain Management and Protection of Wetlands, and
  • 44 CFR part 10: Environmental Considerations
    • National Historic Preservation Act
    • Endangered Species Act & Wildlife Coordination Act
    • Clean Water Act, Rivers & Harbors Act
    • E.O. 11988 Protection of Floodplains
    • E.O. 11990 Protection of Wetlands
    • Farmland Protection Policy Act
    • Resource conservation Recovery Act & Comprehensive Environmental Response, Compensation, & Liability Act
    • E.O. 12898 Environmental Justice for Low Income & Minority Populations
Environmental & Historic Preservation (EHP) Requirements

In an effort to streamline EHP review processes, FEMA now requires more detailed information at the time of application.

- Accurate lat/longs
- Photos clearly labeled, including lat/longs
- Year built of structures
- All required maps, lat/longs included, at each site
- Statement of ground disturbance dimensions/depths at each site
- If applicable, all staging areas and backfill sites
- Statement of asbestos testing/abatement process
- Statements from USACE (if applicable) and KYTC
- Clearinghouse letter and any follow up correspondence and concurrence
Grant Award & Implementation

- Award letter from FEMA is sent to KYEM
- KYEM sends to grants manager
- Subgrantee notified
- Award Briefing/Initial Site Visit Scheduled
  - Local officials & project managers
  - Period of Performance (POP) Deadline
- EFT Authorization
- Work Begins Upon Execution of Contract
  - Design, Bids, Appraisals, Surveys, etc.
Contracting Process

• Contract sent when available

• Non-disaster grants have program-specific contracts
  – USE BLUE INK TO COMPLETE CONTRACT
  – Write address & project number in Ship To box on page 1.
  – Sign AS SECOND PARTY on page 2.
  – INITIAL appropriate line on page 11.
  – Return **within 2 weeks** to SHMO at KYEM.
  – Save copy for file & scan copy to grant manager.
# Commonwealth of Kentucky

## CONTRACT

**Doc Description:** Flood Mitigation Assistance (FMA) FY13

**Procurement Fielder:** 342321

**Administered By:** Leslie Stamper

**Cited Authority:** KRS 80A.030

**Telephone:** 602-607-1510

**Issued By:** Sam Jo Brawner

### Multiple Provider

- 702 Capitol Avenue
- OMPs
- Frankfort, KY 40601
- US

### Line | CL Description | Due Date | Quantity | Unit Price | Contract Amount | Total Price |
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<td>1</td>
<td>Flood Assistance Mitigation (FMA)</td>
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**Extended Description:**

Flood Mitigation Assistance Grant (FMA FY13). This is a non-disaster grant program. The funds will be used to develop three (3) multi-hazard mitigation plans for area development districts and acquire and demolish homes. Effective date of this grant July 25, 2014 through January 9, 2017.

- Boyd County, FMA13-007 - $172,020.00
- Boyd County, FMA13-009 - $163,924.00
- Green River ADD - $24,833.00
- Marion County - Lincoln Trail ADD - $24,564.00
- Perryville ADD - $25,000.00

**Billing:**

- 1572 DMA DIV OF ADMIN SERVICES
- 100 MINUTEMAN PARKWAY
- FRANKFORT, KY 40601

**Shipment:**

- Boyd County Fiscal Court
- P.O. Box 433
- Catlettsburg, KY 41129-0423

**Total Order Amount:** 431,671.00
according with its instructions.

(d) The Second Parties shall require that the language of this certification be included in the award documents for all subawards at all tiers, including subcontractors, subgrants, and contracts under grants, loans, and cooperative contracts, and that all subrecipients shall certify and disclose accordingly.

(e) This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed under section 1352, Title 31, U. S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for such failure.

Section 4.12 Violation of tax and employment laws

(a) KRS 45A.485 requires the contractor to reveal to the Commonwealth, prior to the award of a contract, any final determination of a violation by the contractor within the previous five (5) year period of the provisions of KRS chapters 136, 139, 141, 337, 338, 341, and 342. These statutes relate to the state sales and use tax, corporate and utility tax, income tax, wages and hours laws, occupational safety and health laws, unemployment insurance laws, and workers compensation insurance laws, respectively.

(b) To comply with the provisions of KRS 45A.485, the contractor shall report any such final determination(s) of violation(s) to the Commonwealth by providing the following information regarding the final determination(s): the KRS violated, the date of the final determination, and the state agency which issued the final determination.

(c) KRS 45A.485 also provides that, for the duration of any contract, the contractor shall be in continuous compliance with the provisions of those statutes which apply to the contractor's operations, and that the contractor's failure to reveal a final determination as described above or failure to comply with the above statutes for the duration of the contract, shall be grounds for the Commonwealth's cancellation of the contract and the contractor's disqualification from eligibility for future state contracts for a period of two (2) years.

(d) Contractor must initial one:

_____ the contractor has not violated any of the provisions of the above statutes within the previous five (5) year period.

_____ the contractor has violated the provisions of one or more of the above statutes within
Special Requests: Budget

• Budget Modification
  – NO additional funds available
  – Pre-award costs
• Must be reviewed & approved by KYEM & FEMA
• WORK MUST STOP ON PROJECT WHILE BUDGET MODIFICATION REQUEST IS UNDER REVIEW
Special Requests: Scope of Work

- **Project Modifications**
  - No "Scope of Work" changes
  - Design
  - Location
  - Must be cost effective
  - Must be reviewed & approved by KYEM & FEMA
  - **WORK MUST STOP ON PROJECT WHILE REQUEST IS UNDER REVIEW**
Special Requests: POP Extensions

• Inclement weather, faulty materials, project management changes, etc.
• Must request extension to project completion deadline from grant manager 90 days in advance
• POP deadline extension must be justified and requested via official letter
• Request reviewed at KYEM and FEMA
Project Completion

• Notify grant manager when project scope of work is complete
• Final site visit prior to final reimbursement
• Provide all materials for closeout
  – Acquisitions
    • Stamped restricted deeds
    • Statement of Voluntary Participation
    • Appraisals
    • Settlement statement/closing worksheet
Project Completion

– Elevations
  • Elevation Certificate

– Engineered Projects
  • Letter of assurance structural integrity
  • As-built certifications
  • Stamped plans

– Plans
  • Copy of Plan
  • Jurisdictional resolutions
Project Completion

- Final Reimbursement
- Grant manager submits closeout package to KYEM/FEMA
- FEMA sends official closeout letter; grant manager sends to subgrantee
- Files retained for three years from date of letter
- Link sent for closeout survey
KY Division of Emergency Management
Geni Jo Brawner, State Hazard Mitigation Officer
geneva.j.brawner.nfg@mail.mil
502-607-5797

UK Hazard Mitigation Grants Program
Esther White, Project Grants Manager
eewhit3@uky.edu
859-257-9248