



DHS Exhibit 300 Public Release BY08 (Form) / FEMA - Risk Assessment Systems - HAZUS-MH (2008) (Item)

Form Report, printed by: Administrator, System, Feb 12, 2007

OVERVIEW

General Information

1. Date of Submission:	Jun 20, 2006
2. Agency:	Department of Homeland Security
3. Bureau:	Federal Emergency Management Agency (FEMA)
4. Name of this Capital Asset:	FEMA - Risk Assessment Systems - HAZUS-MH (2008)
Investment Portfolio:	FEMA - Mitigation 2008
5. Unique ID:	024-70-01-04-01-7121-00

(For IT investments only, see section 53. For all other, use agency ID system.)

All investments

6. What kind of investment will this be in FY2008?
(Please NOTE: Investments moving to O&M ONLY in FY2008, with Planning/Acquisition activities prior to FY2008 should not select O&M. These investments should indicate their current status.)

Operations and Maintenance

7. What was the first budget year this investment was submitted to OMB?

FY2001 or earlier

8. Provide a brief summary and justification for this investment, including a brief description of how this closes in part or in whole an identified agency performance gap.

HAZUS-MH (Hazard United States/multi-hazards) is a modeling tools (a model) that supports FEMA's mitigation efforts by estimating potential loss from earthquakes, floods, and hurricane winds. Mitigation efforts offer the best and most cost-effective methods of addressing the impacts associated with disasters. The primary purpose of hazard mitigation planning is to help communities identify the most effective policies, actions, and tools to decrease risk and the potential for future losses in a community. This model is essential to decision-making at all levels of government, providing a basis for developing mitigation plans and policies. Among other things, it assists State and local governments with the development of their community's Disaster Mitigation Act (DMS) 2000 Hazard Mitigation Plans.

Developed under contract with the National Institute of Building Sciences; HAZUS-MH uses GIS software to map and display hazard data and the results of damage and economic loss estimates for buildings and infrastructure, and the impact on populations. Loss estimates produced by HAZUS-MH are based on scientific and engineering knowledge of the effects of hurricane winds, floods, and earthquakes. The HAZUS-MH tool is distributed free of charge via DVD, upon request.

9. Did the Agency's Executive/Investment Committee approve this request?

Yes

9.a. If "yes," what was the date of this approval?

Jul 30, 2005

10. Did the Project Manager review this Exhibit?

Yes

12. Has the agency developed and/or promoted cost effective, energy-efficient and environmentally sustainable techniques or practices for this project.

Yes

12.a. Will this investment include electronic assets (including computers)?

Yes

12.b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only)

No

12.b.1. If "yes," is an ESPC or UESC being used to help fund this investment?

12.b.2. If "yes," will this investment meet sustainable design principles?

12.b.3. If "yes," is it designed to be 30% more energy efficient than relevant code?

13. Does this investment support one of the PMA initiatives?

Yes

If "yes," select the initiatives that apply:

Human Capital	
Budget Performance Integration	
Financial Performance	
Expanded E-Government	Yes
Competitive Sourcing	
Faith Based and Community	
Real Property Asset Management	
Eliminating Improper Payments	
Privatization of Military Housing	
R and D Investment Criteria	
Housing and Urban Development Management and Performance	
Broadening Health Insurance Coverage through State Initiatives	
Right Sized Overseas Presence	
Coordination of VA and DoD Programs and Systems	

13.a. Briefly describe how this asset directly supports the identified initiative(s)?

HAZUS supports expanded electronic government by specifically reducing the cost to states, local government, territories, public sector organizations and private sector entities to enhance their understanding of potential disaster risk and mitigate the risk. Supports Geo-Spatial One-Stop.

14. Does this investment support a program assessed using OMB's Program Assessment Rating Tool (PART)?

Yes

14.a. If "yes," does this investment address a weakness found during the PART review?

Yes

14.b. If "yes," what is the name of the PART program assessed by OMB's Program Assessment Rating Tool?

FEMA – Mitigation Program

14.c. If "yes," what PART rating did it receive?

Moderately Effective

15. Is this investment for information technology (See section 53 for definition)?

Yes

For information technology investments only:

16. What is the level of the IT Project (per CIO Council's PM Guidance)?

Level 3

17. What project management qualifications does the Project Manager have? (per CIO Council's PM Guidance)

(1) Project manager has been validated as qualified for this investment

18. Is this investment identified as "high risk" on the Q4 - FY 2006 agency high risk report (per OMB's "high risk" memo)?

No

19. Is this a financial management system?

No


19.a. If "yes," does this investment address a FFMI compliance area?

19.a.1. If "yes," which compliance area:

19.a.2. If "no," what does it address?

19.b. If "yes," please identify the system name(s) and system acronym(s) as reported in the most recent financial systems inventory update required by Circular A-11 section 52.

20. What is the percentage breakout for the total FY2008 funding request for the following? (This should total 100%)

Area	Percentage	
Hardware	0.00	
Software	0.00	
Services	100.00	
Other	0.00	
Total	100.00	

21. If this project produces information dissemination products for the public, are these products published to the Internet in conformance with OMB Memorandum 05-04 and included in your agency inventory, schedules and priorities?

N/A

23. *Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval?*

Yes

SUMMARY OF FUNDING

SUMMARY OF SPENDING FOR PROJECT PHASES (In Millions)

1. Provide the total estimated life-cycle cost for this investment by completing the following table. All amounts represent budget authority in millions, and are rounded to three decimal places. Federal personnel costs should be included only in the row designated "Government FTE Cost," and should be excluded from the amounts shown for "Planning," "Full Acquisition," and "Operation/Maintenance." The total estimated annual cost of the investment is the sum of costs for "Planning," "Full Acquisition," and "Operation/Maintenance." For Federal buildings and facilities, life-cycle costs should include long term energy, environmental, decommissioning, and/or restoration costs. The costs associated with the entire life-cycle of the investment should be included in this report.

All amounts represent Budget Authority

	PY-1 & Earlier	PY	CY	BY
	-2005	2006	2007	2008
Planning:				
Budgetary Resources	1.675	0.100	0.100	0.100
Acquisition:				
Budgetary Resources	35.294	0.000	0.000	0.000
Subtotal:				
Budgetary Resources	36.969	0.100	0.100	0.100
Maintenance:				
Budgetary Resources	12.864	5.224	5.224	5.224
TOTAL, All Stages				
Budgetary Resources	49.833	5.324	5.324	5.324
Government FTE Cost	1.902	0.324	0.332	0.341
# of FTEs	2.00	2.00	2.00	2.00
Total, BR + FTE Cost	51.735	5.648	5.656	5.665

Note: For the cross-agency investments, this table should include all funding (both managing partner and partner agencies).

Government FTE Costs should not be included as part of the TOTAL represented.

2. Will this project require the agency to hire additional FTE's?

No

2.a. If "yes," how many and in what year?

N/A

3. If the summary of spending has changed from the FY2007 President's budget request, briefly explain those changes.