



DHS Exhibit 300 Public Release BY08 (Form) / FEMA - Flood Map Modernization (2008) (Item)

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

OVERVIEW

General Information

1. Date of Submission:	Jun 21, 2006
2. Agency:	Department of Homeland Security
3. Bureau:	Federal Emergency Management Agency (FEMA)
4. Name of this Capital Asset:	FEMA - Flood Map Modernization (2008)
Investment Portfolio:	FEMA - Mitigation 2008
5. Unique ID:	N024-70-01-04-01-7122-00

(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.)

Mixed Life Cycle

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

FY2003

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.

FEMA's Flood Map Modernization program is a multiyear Presidential initiative supported by Congress that is directed at improving and updating the Nation's flood hazard identification maps. Due to the limited funding, 70 percent of the Nation's flood maps were over 10 years old in 2002. The National Flood Insurance Reform Act of 1994 requires the revalidation of all floodplain areas and flood risk zones at least once every five years. The Flood Map Modernization program has established a technology-based, cost-effective process for updating, validating, and distributing flood risk data and digitalized flood maps throughout the Nation. Digital maps have tremendous advantages over paper maps, including improved and more detailed topographic detail, ease of modification and updating, electronic access and transmission, and lower long-term production and maintenance costs. As of the end of FY06, the program has produced digitalized GIS flood map products for 49% of the Nation's population. By 2010, FEMA projects that over 90 percent of the Nation's flood risk will have been mapped based on factors such as population, flood history, growth potential, and other similar characteristics.

Specifically, it is now estimated that at the end of the 5 year Map Modernization initiative:

- Digital flood map products will be available for 92 percent of the Nation's population.
- 30 percent of the stream miles mapped will be based on new, updated, or validated engineering analyses, affecting 40 percent of the Nation's population.
- Digital flood map products will cover 65 percent of the land area of the continental United States.
- 75 percent of the Nation's population will have maps that encompass stream miles that meet the 2005 Floodplain Boundary Standard.

Flood maps are an essential tool for mitigating flood risk. The maps are used to determine appropriate risk-based premium rates for the National Flood Insurance Program (NFIP), to complete flood hazard determinations for lending institutions, to develop appropriate disaster response plans for Federal, State, and local emergency management personnel, and to allow citizens to build homes that are protected from flooding.

Flood Map Modernization directly supports the following DHS and FEMA goals and objectives:

-DHS Objective 3.7: to strengthen nationwide preparedness and mitigation against acts of terrorism, natural disasters, or other emergencies.

-FEMA Goal 1: to reduce loss of life and property.

-FEMA Mitigation Division Goal: to enable communities to reduce the loss of life and property through identifying hazards, assessing risks, and planning to reduce vulnerabilities to natural hazards. The program improves the effectiveness of funding and grant

allocation with up-to-date flood risk data as recommended by the Mitigation Program PART Review in 2005. The program supports the expanded E-Gov of the PMA initiatives with a geospatial based infrastructure for flood hazard map production and collaboration.

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

Yes

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

Dec 1, 2003

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)?

The program supports the PMA's expanded e-Gov. Map Information Platform (MIP) provides stakeholders (citizen, mapping partners, local gov'ts) with a geospatial based infrastructure to enable flood hazard mapping, data sharing and collaboration. Digitalized map is now available for 49% of Population. Flood risk data collected at each stage of map development are captured and accessible electronically via the Internet to public. The system provides engineering, mapping and management tools on-line

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)?

No

For information technology investments only:

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

Level 1

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

(2) Project manager qualification is under review 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?

19.a. If "yes," does this investment address a FFMA 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		
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?

Yes

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	30.595	8.801	0.000	0.000
Acquisition:				
Budgetary Resources	398.208	174.797	0.000	0.000
Subtotal:				
Budgetary Resources	428.803	183.598	0.000	0.000
Maintenance:				
Budgetary Resources	219.221	40.184	222.733	221.642
TOTAL, All Stages				
Budgetary Resources	648.024	223.782	222.733	221.642
Government FTE Cost	56.658	26.218	27.267	28.358
# of FTEs	127.00	136.00	142.00	142.00
Total, BR + FTE Cost	704.682	250.000	250.000	250.000

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?

Yes

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

Authorized Term Employees:

FY05-FY06: 33

FY06-FY07: 43

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