

Exhibit 300: Capital Asset Plan and Business Case Summary
Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview (All Capital Assets)

- 1 Date of Submission: 09/10/2007
2 Agency: 202
3 Bureau: 00
4 Name of this Capital Asset: Facilities & Equipment Maintenance System (FEM)
5 Unique Project (Investment) Identifier: (For IT investment only, see section 53. For all other, use agency ID system.) 202-00-01-02-01-1012-00
6 What kind of investment will this be in FY2009? (Please NOTE: Investments moving to O&M in FY2009, with Planning/Acquisition activities prior to FY2009 should not select O&M. These investments should indicate their current status.)
 Planning
 Full Acquisition
 Operations and Maintenance
X Mixed Life Cycle
 Multi-Agency Collaboration
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:

FEM is a computerized maintenance management system that facilitates planning and documentation of operation and maintenance activities and costs by equipment or industrial system, maintenance histories, equipment condition data, repair frequencies, replacement parts/materials and related operation and maintenance records including labor and overtime utilization. This information allows users to examine cost and condition variances for similar categories of equipment and make management decisions to improve the effectiveness of operation and maintenance strategies, crew utilization, equipment replacement, and funding decisions. FEM also provides corporate level information to identify best performers by cost and labor utilization as well as to share best practices. FEM is used within an asset management strategy to reduce life cycle costs of water resource projects. Its focus is the operation and maintenance portion of the lifecycle as a work management tool, capturing the right data for higher level analysis of work processes, component and equipment failure trends, equipment condition assessment and other reliability and risk assessment processes. Projected and nominal costs, respectively, are captured in FEM for the work planned and accomplished, for items ranging from materials, parts, components to subsystems utilized in the operation and maintenance of the water resource facilities and congressionally authorized projects that the Corps provides stewardship; allowing analysis of operations and maintenance and provides input to decisions on maintenance vs. replacement of items. FEM is first and foremost an O&M work management system. The primary automated mechanism used to assure accountability of Real Property at the District and facility/Congressionally authorized project level is the USACE Real Estate Management Information System (REMIS). This system is used by headquarters staff in asset management processes. Work management, primarily operation and maintenance (O&M) portion of the life cycle, is managed in FEM due to the extensive detail required in an industrial system approach with subordinate levels of subsystems, components, parts and material and supplies. With proper alignment of REMIS inventory of assets and the routine use of FEM for work management of those assets' subordinate subsystems, components, parts, material and supplies, a synergistic arrangement develops.

. Did the Agency's Executive/Investment Committee approve this request? Yes No

a. If "yes," what was the date of this approval? 2007-06-28

9 Did the Project Manager review this Exhibit? Yes No

10 Contact information of Project Manager

Phone Number E-mail

a. What is the current FAC-P/PM certification level of the project/program manager? Mid/Journeyman Level

12. Has the agency developed and/or promoted cost effective, energy-efficient and environmentally sustainable techniques or practices for this project? Yes No?

a. Will this investment include electronic assets (including computers)? Yes No

b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only) Yes No

1 If "yes," is an ESPC or UESC being used to help fund this investment? Yes No

2 If "yes," will this investment meet sustainable design principles? Yes No

3 If "yes," is it designed to be 30% more energy efficient than relevant code? Yes No

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

If "yes," check all that apply:

Human Capital Budget

Performance Integration

Financial Performance

Expanded E-Government

Competitive Sourcing

Faith Based and Community

Real Property Asset Management

Eliminating Improper Payments

Privatization of Military Housing

Research & Development Investment Criteria

Housing & Urban Development Management & Performance

Broadening Health Insurance Coverage through State Initiatives

Right Sized" Overseas Presence Coordination of VA & DoD Programs and Systems

a. Briefly and specifically describe for each selected how this asset directly supports the identified initiative(s)? (e.g. If E-Gov is selected, is it an approved shared service provider or the managing partner?)

FEM was initially developed by the Department of Defense to meet the needs of maintenance organizations. It is being deployed to improve operation and maintenance work management, capture applicable life cycle facility and equipment O&M activities, conditions, costs and the projection of budgetary information to insure that asset management addresses risk and reliability problems while effectively executing the O&M Program. To support eGovernment it replaces a multitude of paper based or fragmented electronic work management processes. For Real Property Asset Management it acts as an enabler for asset management and supports asset accountability through alignment with Corps' Real Estate Management Information System (REMIS).

14. Does this investment support a program assessed using the Program Assessment Rating Tool (PART)? (For more information about the PART, visit www.whitehouse.gov/omb/part.)

a. If "yes," does this investment address a weakness found during a PART review? Yes No

- b. If "yes," what is the name of the PARTed program? [Hydropower](#)
- c. If "yes," what rating did the PART receive? Effective, Moderately Effective, Adequate, Ineffective, Results not Demonstrated
15. Is this investment for information technology? Yes No

If the answer to Question 15 is "Yes," complete questions 16-23 below. If the answer is "No," do not answer questions 16-23.

For information technology investments only:

16. What is the level of the IT Project? (per CIO Council PM Guidance) Level 1 Level 2 Level 3

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

- (1) Project manager has been validated as qualified for this investment
- (2) Project manager qualification is under review for this investment
- (3) Project manager assigned to investment, but does not meet requirements
- (4) Project manager assigned but qualification status review has not yet started
- (5) No Project manager has yet been assigned to this investment

18 Is this investment identified as "high risk" on the Q4-FY 2007 agency high risk report (per OMB Memorandum M-05-23) Yes No

19. Is this a financial management system? Yes No

a. If "yes," does this investment address a FFMIA compliance area? Yes No

If "yes," which compliance area:

If "no," what does it address?

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 FY2009 funding request for the following? (This should total 100%)

Hardware 0

Software 25

Services 75

Other 0

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 No N/A

22. Contact information of individual responsible for privacy related questions:

Name Phone Number Title E-mail

[Records Management Program Manager](#)

23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval? Yes No

Question 24 must be answered by all Investments:

24. Does this investment directly support one of the GAO High Risk Areas? Yes No

Section B: Summary of Spending (All Capital Assets)

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.

Table 1: SUMMARY OF SPENDING FOR PROJECT PHASES (REPORTED IN MILLIONS) (Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)									
	PY-1 and earlier	PY 2007	CY 2008	BY 2009	BY+1 2010	BY+2 2011	BY+3 2012	BY+4 and beyond/yr	Total
Planning:	5.201	0.789	1.140	1.500	0	0	0	0	8.730
Acquisition :	2.300	1.011	1.000	0.500	0	0	0	0	4.811
Subtotal Planning & Acquisition:	7.501	1.800	2.240	2.000	0	0	0	0	13.541
Operations & Maintenance:	2.432	0.500	1.500	1.500					
TOTAL:	9.933	2.300	3.740	3.500					
Government FTE Costs should not be included in the amounts provided above.									
Government FTE Costs	0.750	0.250	0.500	0.500	0.500	0.500	0.500	0.500	4.000
Number of FTE represented by Costs:	9	3	3	3	3	3	3	3	30

Note: For the multi-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 No

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

3. If the summary of spending has changed from the FY2008 President's budget request, briefly explain those changes: Capital funding, i.e. Plant Replacement and Improvement Program (PRIP) approval for an additional \$6,000,000 to upgrade the existing FEM to web based and provide for enhancements to support FEM as an enabler for asset management was delayed until late FY2006. No execution of those funds occurred in FY2006. Initial upgrade activities for the baseline from the legacy FEM to the web based version will conclude in late FY2007 at which time enhancements and lower risk corrections will commence. These PRIP funded activities will proceed through FY2009 at which time FEM will be in an operation and maintenance status for the foreseeable future. Due to the delay in receiving the first installment of funds in FY2006, the program schedule has shifted essentially a full year. Operation and Maintenance costs will increase as further Regional Business Centers deploy the AIS and users increase. It is anticipated that the FY2008 level will continue for the foreseeable future as the deployment costs decrease while routine user support correspondingly increases with the increased user base.

Section C: Acquisition/Contract Strategy (All Capital Assets)

Contracts/Task Orders Table:									
Contract or Task Order Number	Type of Contract/Task Order	Has the contract been awarded (Y/N)	If so what is the date of the award? If not, what is the planned award date?	Start date of Contract/Task Order	End date of Contract/Task Order	Total Value of Contract/Task Order (\$M)	Is this an Interagency Acquisition? (Y/N)	Is it performance based? (Y/N)	Competitively awarded? (Y/N)
N00140-05-D-0057	Cost Plus Fixed Fee	Y	15 Sept 05	27 Sept 06	26 Sept 07	\$1.2M	Y	N	Y
N00140-05-C-0029	Cost Plus Fixed Fee	Y	29 Mar 05	11 Jan 07	10 Jan 08	.0725 M	Y	N	Y
N00189-06-C-Z018	Firm Fixed Price	Y	1 Feb 07	1 Feb 07	31 Jan 08	\$0.373M	Y	N	Y
N00140-04-D-M927	Cost Plus Fixed Fee	Y	17 Jul 04	1 Sept 06	30 Aug 07	0.1 M	Y	N	Y

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

3. Do the contracts ensure Section 508 compliance? Yes No N/A

a. Explain why:

Ensuring compliance with Section 508 of the Rehabilitation Act will be accomplished by the following measures: (1) Information systems, web developed applications and products that are new or have undergone changes since June 21, 2000 will not be allowed to be deployed unless they are made fully accessible to individuals with disabilities; (2) language has been and will be further strengthened in contracts involving information systems and web products to ensure they are made accessible; (3) Section 508 evaluation will be added to the Command Staff Inspection (CSI) site visits and to the Engineer Inspector General oversight review process; (4) the Corps of Engineers Enterprise Infrastructure Services (CEEIS), in concert with the Corps of Engineers Interest Center of Expertise (ICE), will conduct comprehensive reviews and assessments of all new and modified websites to ensure compliance; (5) Regional Chief Information Officers will conduct inspections on new and modified websites under their purview to ensure compliance; (6) a policy has been developed and disseminated to further reinforce this section; and, (7) the USACE Chief Information Officer has designated the ICE to assist in meeting Section 508 requirements and to furnish web operational and technical guidance, training (on a cost reimbursable basis) and help as needed. If Section 508 compliance imposes undue burden, USACE will provide information and data by an alternative means such as providing a method of contacting someone for the information being provided. These individuals will be held responsible to respond in a timely manner and to provide the information in an accessible format to the public and Federal government employees with disabilities.

4. Is there an acquisition plan which has been approved in accordance with agency requirements? Yes No
- a. If “yes,” what is the date? [19 Nov 2002](#)
- b. If “no,” will an acquisition plan be developed?
1. If “no,” briefly explain why:

Section D: Performance Information (All Capital Assets)

In order to successfully address this area of the exhibit 300, performance goals must be provided for the agency and be linked to the annual performance plan. The investment must discuss the agency's mission and strategic goals, and performance measures (indicators) must be provided. These goals need to map to the gap in the agency's strategic goals and objectives this investment is designed to fill. They are the internal and external performance benefits this investment is expected to deliver to the agency (e.g., improve efficiency by 60 percent, increase citizen participation by 300 percent a year to achieve an overall citizen participation rate of 75 percent by FY 2xxx, etc.). The goals must be clearly measurable investment outcomes, and if applicable, investment outputs. They do not include the completion date of the module, milestones, or investment, or general goals, such as, significant, better, improved that do not have a quantitative or qualitative measure.

Agencies must use the following table to report performance goals and measures for the major investment and use the Federal Enterprise Architecture (FEA) Performance Reference Model (PRM). Map all Measurement Indicators to the corresponding "Measurement Area" and "Measurement Grouping" identified in the PRM. There should be at least one Measurement Indicator for each of the four different Measurement Areas (for each fiscal year). The PRM is available at www.egov.gov. The table can be extended to include performance measures for years beyond FY 2009.

Fiscal Year	Measurement Area IT	Measurement Grouping IT	Measurement Indicator	Baseline	Planned Improvement to the Baseline	Actual Results
2007	Mission and Business Results	Facilities, Fleet, And Equipment Management	% of business lines with P3 for asset management using FEM 3 business lines	17%	200%	TBD 1Q2008
2007	Mission and Business Results	Facilities, Fleet, And Equipment Management	% of Regional Business Centers with FEM being utilized for risk based asset - (3 total RBCs)	25%	50%	TBD 1Q2008
2007	Mission and Business Results	Facilities, Fleet, And Equipment Management	% of RBCs with critical civil infrastructure security systems managed in FEM - (1 RBC)	25%	50%	TBD 1Q2008
2007	Customer Results	New Customers and Market Penetration	% of RBCs with FEM deployed and available to users for full utilization - (3 RBCs total)	25%	50%	TBD 1Q2008
2007	Processes and Activities	Management Improvement	% of Regional Business Centers (RBC) with a trained FEM support cell to assist users - (3 RBCs total)	25%	50%	TBD 1Q2008
2007	Technology	Availability	% of RBCs with Web Based FEM	0%	25%	0% - Delay until 1 st Qtr FY2008 due to resolving technical and security issues with IT infrastructure.
2008	Mission and Business Results	Facilities, Fleet, And Equipment Management	% of business lines with P3 for asset management using FEM - (5 total)	50%	67%	TBD 1Q2009
2008	Mission and Business Results	Facilities, Fleet, And Equipment Management	% of Regional Business Centers with FEM being utilized for risk based asset management - 6 RBCs total)	37.5%	100%	TBD 1Q2009
2008	Mission and Business Results	Facilities, Fleet, And Equipment Management	% of RBCs with critical civil infrastructure security systems managed in FEM - (6 RBCs total)	37.5%	100%	TBD 1Q2009
2008	Customer Results	New Customers and Market Penetration	% of RBCs with FEM deployed and available to users for full utilization - (6 RBCs total)	37.5%	100%	TBD 1Q2009
2008	Processes and Activities	Management Improvement	% of Regional Business Centers (RBC) with a trained FEM support cell to assist users - (6 RBCs total)	37.5%	100%	TBD 1Q2009
2008	Technology	Availability	% of RBCs with Web Based FEM	37.5%	100%	TBD 1Q2009

2009	Mission and Business Results	Facilities, Fleet, And Equipment Management	% of business lines with P3 for asset management using FEM - (6 total)	83.3%	20%	TBD 1Q2010
2009	Mission and Business Results	Facilities, Fleet, And Equipment Management	% of Regional Business Centers with FEM being utilized for risk based asset management - (8 RBCs total)	75%	33.3%	TBD 1Q2010
2009	Mission and Business Results	Facilities, Fleet, And Equipment Management	% of RBCs with critical civil infrastructure security systems managed in FEM - (8 RBCs total)	75%	33.3%	TBD 1Q2010
2009	Customer Results	New Customers and Market Penetration	% of RBCs with FEM deployed and available to users for full utilization - (8 RBCs total)	75%	33.3%	TBD 1Q2010
2009	Processes and Activities	Management Improvement	% of Regional Business Centers (RBC) with a trained FEM support cell to assist users - (8 RBCs total)	75%	33.3%	TBD 1Q2010
2009	Technology	Availability	% of RBCs with Web Based FEM	75%	100%	BD 1Q2010

5. Have any weaknesses, not yet remediated, related to any of the systems part of or supporting this investment been identified by the agency or IG? Yes No

a. If “yes,” have those weaknesses been incorporated into the agency’s plan of action and milestone process?
 Yes No

6. Indicate whether an increase in IT security funding is requested to remediate IT security weaknesses? a. If “yes,” specify the amount, provide a general description of the weakness, and explain how the funding request will remediate the weakness. No

7. How are contractor security procedures monitored, verified, and validated by the agency for the contractor systems above? [Periodic audits by the DoD program management office, Navy System Support Group](#)

8. Planning & Operational Systems – Privacy Table:					
(a) Name of System	(b) Is this a new system? (Y/N)	(c) Is there at least one Privacy Impact Assessment (PIA) which covers this system? (Y/N)	(d) Internet Link or Explanation	(e) Is a System of Records Notice (SORN) required for this system? (Y/N)	(f) Internet Link or Explanation
FEM	N	Y	(Medium Text)	No	Corps of Engineers Financial Management System (CEFMS) has an SORN which covers the items of question. FEM and CEFMS are interfaced.
<p>Details for Text Options: Column (d): If yes to (c), provide the link(s) to the publicly posted PIA(s) with which this system is associated. If no to (c), provide an explanation why the PIA has not been publicly posted or why the PIA has not been conducted. Column (f): If yes to (e), provide the link(s) to where the current and up to date SORN(s) is published in the federal register. If no to (e), provide an explanation why the SORN has not been published or why there isn’t a current and up to date SORN. Note: Links must be provided to specific documents not general privacy websites.</p>					

Section F: Enterprise Architecture (EA) (IT Capital Assets only)

In order to successfully address this area of the business case and capital asset plan you must ensure the investment is included in the agency’s EA and Capital Planning and Investment Control (CPIC) process, and is mapped to and supports the FEA. You must also ensure the business case demonstrates the relationship between the investment and the business, performance, data, services, application, and technology layers of the agency’s EA.

1. Is this investment included in your agency’s target enterprise architecture? Yes No
 a. If “no,” please explain why?

2. Is this investment included in the agency’s EA Transition Strategy? Yes No
 a. If “yes,” provide the investment name as identified in the Transition Strategy provided in the agency’s most recent annual EA Assessment. [FEM – Facilities and Equipment Management system](#)

b. If “no,” please explain why?

3. Is this investment identified in a completed (contains a target architecture) and approved segment architecture?
 Yes No
 a. If “yes,” provide the name of the segment architecture.

4. Service Component Reference Model (SRM) Table : Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to <http://www.egov.gov>.

Agency Component Name	Agency Component Description	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused (b)		Internal or External Reuse? (c)	BY Funding Percentage (d)
				Component Name	UPI		
Account Management	Support the supply of goods or services as well as the tracking and analysis of costs for these goods	Customer Relationship Management	Sourcing Management				10
Customer Assistance	Supports the solicitation of support from a customer.	Customer Initiated Assistance	Inventory management				10
Portfolio	Support the administration of a group of investments held by an organization.	Asset / Materials Management	Property / Asset Management				15
Information	Allow access	Knowledge	Information				10

Retrieval	to data and information for use by an organization and its stakeholders.	Management	Retrieval				
Information Mapping	Support the creation and maintenance of relationships between data entities, naming standards and categorization.	Knowledge Management	Information Retrieval				10
Standardized / Canned	Support the use of preconceived or pre-written reports.	Reporting	Standardized / Canned				10
Property / Asset Management	Support the identification, planning and allocation of an organization physical capital and resources.	Asset / Materials Management	Property / Asset Management				15
Data Integration	Support the organization of data from separate data sources into a single source	Development and Integration	Data Integration				15

- a. Use existing SRM Components or identify as “NEW”. A “NEW” component is one not already identified as a service component in the FEA SRM.
- b. A reused component is one being funded by another investment, but being used by this investment. Rather than answer yes or no, identify the reused service component funded by the other investment and identify the other investment using the Unique Project Identifier (UPI) code from the OMB Ex 300 or Ex 53 submission.
- c. ‘Internal’ reuse is within an agency. For example, one agency within a department is reusing a service component provided by another agency within the same department. ‘External’ reuse is one agency within a department reusing a service component provided by another agency in another department. A good example of this is an E-Gov initiative service being reused by multiple organizations across the federal government.
- d. Please provide the percentage of the BY requested funding amount used for each service

component listed in the table. If external, provide the percentage of the BY requested funding amount transferred to another agency to pay for the service. The percentages in this column can, but are not required to, add up to 100%.

5. Technical Reference Model (TRM) Table: To demonstrate how this major IT investment aligns with the FEA Technical Reference Model (TRM), please list the Service Areas, Categories, Standards, and Service Specifications supporting this IT investment.				
FEA SRM Component (a)	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (b) (i.e., vendor and product name)
Property / Asset Management	Service Access and Delivery	Access Channels	Collaboration / Communications	Maximo
Portfolio Management	Service Access and Delivery	Data Management	Database Connectivity	Oracle
Portfolio Management	Component Framework	Data Interchange	Data Exchange	Oracle
Information Mapping / Taxonomy	Component Framework	Data Management	Reporting and Analysis	Maximo
Standardized / Canned	Component Framework	Data Management	Reporting and Analysis	Maximo
Data Integration	Component Framework	Security	Supporting Security Services	CEEIS Network Infrastructure

a. Service Components identified in the previous question should be entered in this column. Please enter multiple rows for FEA SRM Components supported by multiple TRM Service Specifications

b. In the Service Specification field, agencies should provide information on the specified technical standard or vendor product mapped to the FEA TRM Service Standard, including model or version numbers, as appropriate.

6. Will the application leverage existing components and/or applications across the Government (i.e., FirstGov, Pay.Gov, etc)? Yes No

a. If “yes,” please describe.

Corps of Engineers FEM is one of several DoD FEM configurations; high coordination is present which leverages the knowledge gained by one configuration and application to the others. Navy System Support Group is the DoD Program Manager and coordinates that leverage.

Part II: Planning, Acquisition And Performance Information

Part II should be completed only for investments identified as “Planning” or “Full Acquisition,” or “Mixed Life-Cycle” investments in response to Question 6 in Part I, Section A above.

Section A: Alternatives Analysis (All Capital Assets)

In selecting the best capital asset, you should identify and consider at least three viable alternatives, in addition to the current baseline, i.e., the status quo. Use OMB Circular A-94 for all investments and the Clinger Cohen Act of 1996 for IT investments to determine the criteria you should use in your Benefit/Cost Analysis.

1. Did you conduct an alternatives analysis for this investment? Yes No
- a. If “yes,” provide the date the analysis was completed?
- b. If “no,” what is the anticipated date this analysis will be completed?

c. If no analysis is planned, please briefly explain why: **No formal Alternative Analysis was performed as this is a normal upgrade to the COTS application as the architecture changes to web based. Original alternative analysis applies which authorized FEM to be the Corps automated maintenance management system. Abandoning existing system that is being updated for entirely new AIS is not appropriate based upon development and deployment to date. Table 2 below depicts the fundamental alternatives considered.**

2. Alternatives Analysis Results: Use the results of your alternatives analysis to complete the following table:			
Alternative Analyzed	Description of Alternative	Risk Adjusted Lifecycle Costs estimate	Risk Adjusted Lifecycle Benefits estimate
Option 1 Baseline FEM2.X	Status quo with existing client server architecture and limited capacity, configuration unsupported by COTS or database versions.		
Option 2 – Upgrade to FEM 3..X	Web based architecture with current version of COTS and database (Oracle 10g) with capacity for entire Corps.		
Option 3 – Complete New System	Abandon existing system and begin at concept phase leading to new development thru deployment.		
Option 4			

3. Which alternative was selected by the Agency’s Executive/Investment Committee and why was it chosen?
Upgrade to FEM 3.X to maintain technical viability.

What specific qualitative benefits will be realized? **Newest architecture to support eGov and latest technical functionality for FEM as an enabler for asset management.**

1

5. Will the selected alternative replace a legacy system in-part or in-whole? Yes No
- a. If “yes,” are the migration costs associated with the migration to the selected alternative included in

this investment, the legacy investment, or in a separate migration investment? **This investment the legacy investment, or in a separate migration investment**

b. If “yes,” please provide the following information:

List of Legacy Investment or Systems		
Name of the Legacy Investment of Systems	UPI if available	Date of the System Retirement
(System Name)	(UPI)	(Date)

Section B: Risk Management (All Capital Assets)

You should have performed a risk assessment during the early planning and initial concept phase of this investment's life-cycle, developed a risk-adjusted life-cycle cost estimate and a plan to eliminate, mitigate or manage risk, and be actively managing risk throughout the investment's life-cycle.

1. Does the investment have a Risk Management Plan? Yes No

a. If "yes," what is the date of the plan?

b. Has the Risk Management Plan been significantly changed since last year's submission to OMB? Yes No

c. If "yes," describe any significant changes:

2. If there currently is no plan, will a plan be developed? Yes No

a. If "yes," what is the planned completion date? 31 December 2007

b. If "no," what is the strategy for managing the risks?

3. Briefly describe how investment risks are reflected in the life cycle cost estimate and investment schedule: Most of the risks associated with the investment are not AIS related; it is final use of the enabler for asset management by updating management policies, processes and procedures and then assuring compliance of use. The life cycle cost estimate and investment schedule contain both the DoD program management component and the recently approved and chartered FEM National Support Center, both of which continually evaluate and provide resolution of risks that have been identified and those being identified and prioritized for management. Configuration control resources are tasked with monitoring risks to the software configuration while the National Support Center holistically evaluates the software through end user success with utilization of the AIS as an enabler for asset management.

Section C: Cost and Schedule Performance (All Capital Assets)

EVM is required only on DME portions of investments. For mixed lifecycle investments, O&M milestones should still be included in the table (Comparison of Initial Baseline and Current Approved Baseline). This table should accurately reflect the milestones in the initial baseline, as well as milestones in the current baseline.

1 Does the earned value management system meet the criteria in ANSI/EIA Standard – 748? Yes No

2 Is the CV% or SV% greater than ± 10%? (CV%= CV/EV x 100; SV%= SV/PV x 100) Yes No

a. If “yes,” was it the? CV SV

Both

b. If “yes,” explain the causes of the variance: (long text)

c. If “yes,” describe the corrective actions: (long text)

3. Has the investment re-baselined during the past fiscal year? Yes No

a. If “yes,” when was it approved by the agency head?

b. If “yes”, when was it approved by OMB? (Date)

4. Comparison of Initial Baseline and Current Approved Baseline: Complete the following table to compare actual performance against the current performance baseline and to the initial performance baseline. In the Current Baseline section, for all milestones listed, you should provide both the baseline and actual completion dates (e.g., “03/23/2003”/ “04/28/2004”) and the baseline and actual total costs (in \$ Millions). In the event that a milestone is not found in both the initial and current baseline, leave the associated cells blank. Note that the ‘Description of Milestone’ and ‘Percent Complete’ fields are required. Indicate ‘0’ for any milestone no longer active.

Description of Milestone	Initial Baseline		Current Baseline			Current Baseline Variance		Percent Complete
	Planned Completion Date (mm/dd/yyyy)	Total Cost (\$M) Estimated	Completion Date (mm/dd/yyyy) Planned:Actual	Total Cost (\$M) Planned:Actual		Schedule:Cost (# days:\$M)		
Upgrade to FEM 3.0	08/07/2007	\$1.8M PRIP	10/30/2007	\$1.8M		75		90%
Enhancements to FEM 3.X	09/30/2009	\$4.2M PRIP	09/30/2009	\$4.2M		0		0%
Deploy FEM 3.X Corps wide (includes support costs from FY2004-1 st qtr FY2010)	09/30/2009	\$8.4M O&M, gen appropriations	12/31/2009	\$8.4M		120		5%

Part III: For “Operation and Maintenance” investments ONLY (Steady State)

Part III should be completed only for investments identified as “Operation and Maintenance” (Steady State) in response to Question 6 in Part I, Section A above.

Section A: Risk Management (All Capital Assets)

You should have performed a risk assessment during the early planning and initial concept phase of this investment’s life-cycle, developed a risk-adjusted life-cycle cost estimate and a plan to eliminate, mitigate or manage risk, and be actively managing risk throughout the investment’s life-cycle.

1. Does the investment have a Risk Management Plan? Yes No

- a. If “yes,” what is the date of the plan?

- b. Has the Risk Management Plan been significantly changed since last year’s submission to OMB? Yes No

- c. If “yes,” describe any significant changes:

2. If there currently is no plan, will a plan be developed? Yes No
 a. If “yes,” what is the planned completion date?
 b. If “no,” what is the strategy for managing the risks?

Section B: Cost and Schedule Performance (All Capital Assets)

1. Was operational analysis conducted? Yes No
 a. If “yes,” provide the date the analysis was completed.
 b. If “yes,” what were the results?
 c. If “no,” please explain why it was not conducted and if there are any plans to conduct operational analysis in the future:

2. Complete the following table to compare actual cost performance against the planned cost performance baseline. Milestones reported may include specific individual scheduled preventative and predictable corrective maintenance activities, or may be the total of planned annual operation and maintenance efforts).

- a. What costs are included in the reported Cost/Schedule Performance information (Government Only/Contractor Only/Both)?

2. b Comparison of Plan vs. Actual Performance Table:					
Description of Milestone	Planned		Actual		Variance
	Completion Date (mm/dd/yyyy)	Total Cost (\$M)	Completion Date (mm/dd/yyyy)	Total Cost (\$M)	Schedule:Cost (# days:\$M)