Resident Management System (RMS)

Budget year: FY2001 or earlier

Agency: 202

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Exhibit 300: Capital Asset Plan and Business Case Summary

Part I: Summary Information And Justification

Section A: Overview

1. Date of submission: Sep 8, 2008

2. Agency: **202**

3. Bureau: **00**

4. Name of this Capital Asset: Resident Management System (RMS)

- 5. Unique Project (Investment) Identifier: 202-00-01-02-01-1032-00
- 6. What kind of investment will this be in FY2010? 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: Resident Management System (RMS) is a system used by individuals involved with the construction phase of a project. It is used mainly for construction quality management and contract administration, and helps to standardize construction business practices throughout the Corps. It also serves as a multipurpose administration and automation tool for construction field offices. This component provides an efficient method to plan, accomplish, and control over \$12 billion of construction projects annually (approximately one third are Civil Works; and two thirds are military programs including approximately \$3 - 5 billion of Iraq Restoration). It also provides management tools to measure contract performance (e.g., cost and time growth). In addition to construction, RMS is useful for management of dredging contracts, and is used for this purpose by many districts (over \$200 million annually). There are approximately 5,000 users of this automated information system (AIS). RMS is deployed in a mixed architecture environment, with over half of the districts operating RMS utilizing the enterprise-level CEEIS infrastructure services; the others operate RMS on local infrastructure. The major capabilities of RMS are: pre-award construction planning, including work-load forecasting; contract administration, including preparation of modifications; preparation of payment estimates; correspondence preparation, with tracking and indexing; scheduling of construction and updates; submittal register preparation and updating; quality assurance/control management; performance measurement; and safety program oversight. Other features include: the ability to implement its various functions with one-time data entry for all

functions; compilation of data for various construction management reports; data exchange capability with district offices and contractors; electronic data exchange with other USACE systems including P2, the Corps of Engineers Financial Management System (CEFMS), SPECSINTACT (technical specifications), the Army Standard Procurement System (SPS), and CCASS. RMS is a client/server-based government-off-the-shelf (GOTS) system which uses Windows, Oracle database technology, C++ language, and Citrix data access. It is designed to easily adapt to future changes and innovations, including incorporation of web-based technology.

- 9. Did the Agency's Executive/Investment Committee approve this request? yes
 - a. If "yes," what was the date of this approval? Feb 22, 2008
- 10. Did the Project Manager review this Exhibit? **yes**
- 11. Contact information of Program/Project Manager?

Name [Redacted]
Phone Number [Redacted]
E-mail [Redacted]

- a. What is the current FAC-P/PM (for civilian agencies) or DAWIA (for defense agencies) certification level of the program/project manager? **Senior/Expert/DAWIA-Level 3**
- b. When was the Program/Project Manager Assigned? Aug 27, 2007
- c. What date did the Program/Project Manager receive the FAC-P/PM certification? If the certification has not been issued, what is the anticipated date for certification? **Nov 26, 2002**
- 12. Has the agency developed and/or promoted cost effective, energy efficient and environmentally sustainable techniques or practices for this project. **yes**
 - a. Will this investment include electronic assets (including computers)? yes
 - b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only) [Not answered]
 - 1. If "yes," is an ESPC or UESC being used to help fund this investment? [Not answered]
 - 2. If "yes," will this investment meet sustainable design principles? [Not answered]
 - 3. If "yes," is it designed to be 30% more energy efficient than relevant code? [Not answered]
- 13. Does this investment directly support one of the PMA initiatives? **yes**

Financial Performance Human Capital Budget Performance Integration Expanded E-Government

- a. Briefly and specifically describe for each selected how this asset directly supports the identified initiative(s)? RMS uses modules that collaborate with other government agencies. This supports the Federal Enterprise Architecture via collaboration with other agencies with similar business to consolidate, integrate and eliminate. For Budget and Performance Integration, RMS has the ability to monitor and control activities with related funding, expenses and accounting; and to allow projection of income and expenses related to construction, with the related supervision and administration effort.
- 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.) **no**
 - a. If "yes," does this investment address a weakness found during a PART review? [Not answered]
 - b. If "yes," what is the name of the PARTed program? [Not answered]
 - c. If "yes," what rating did the PART receive? [Not answered]
- 15. Is this investment for information technology? yes

For information technology investments only:

- 16. What is the level of the IT Project? (per CIO Council PM Guidance) Level 2
- 17. In addition to the answer in 11(a), 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
- 18. Is this investment or any project(s) within this investment identified as "high risk" on the Q4-FY 2008 agency high risk report (per OMB Memorandum M-05-23)? **yes**
- 19. Is this a financial management system? no
 - a. If "yes," does this investment address a FFMIA compliance area? [Not answered]
 - 1. If "yes," which compliance area: [Not answered]
 - 2. If "no," what does it address? [Not answered]
 - 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 [Not answered]
- 20. What is the percentage breakout for the total FY2010 funding request for the following?

Hardware 0

Software 10

Services 80

Other 10

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

Name Phone Number [Redacted]
[Redacted]

Title

Privacy Act Officer

E-mail

[Redacted]

- 23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval? **no**
- 24. Does this investment directly support one of the GAO High Risk Areas? no

Section B: Summary of Spending

1.

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 PY CY BY BY+1 BY+2 BY+3 BY+4 and earlier 2008 2009 2010 2011 2012 2013 beyond									
Planning:	1.977	0	0	0	[*]	[*]	[*]	[*]	[*]
Acquisition:	0	0	0	0	[*]	[*]	[*]	[*]	[*]
Subtotal Planning & Acquisition:	1.977	0	0	0	[*]	[*]	[*]	[*]	[*]
Operations & 12.103 2.308 2.646 2.742 [*] [*] [*] [*] [*]									
TOTAL:	14.08	2.308	2.646	2.742	[*]	[*]	[*]	[*]	[*]

Government FTE Costs should not be included in the amounts provided above.									
Government FTE Costs	4.542	0.517	0.532	0.532	[*]	[*]	[*]	[*]	[*]
Number of FTE represented by Costs:	4	2	2	2	[*]	[*]	[*]	[*]	[*]

- 2. Will this project require the agency to hire additional FTE's? no
 - a. If "yes", How many and in what year? [Not answered]
- 3. If the summary of spending has changed from the FY2009 President's budget request, briefly explain those changes: **N/A**

Section C: Acquisition/Contract Strategy

1.

Contra	acts/Task Orders Table:
Contract or Task Order Number	RMS
Type of Contract/Task Order (In accordannce with FAR Part 16)	Fixed Price
Has the contract been awarded	yes
If so what is the date of the award? If not, what is the planned award date?	Sep 30, 2006
Start date of Contract/Task Order	Sep 30, 2006
End date of Contract/Task Order	Sep 30, 2009
Total Value of Contract/ Task Order (\$M)	4
Is this an Interagency Acquisition?	no
Is it performance based?	yes
Competitively awarded?	no
What, if any, alternative financing option is being used?	NA
Is EVM in the contract?	no
Does the contract include the required security & privacy clauses?	yes
Name of CO	[Redacted]
CO Contact information (phone/email)	[Redacted]
Contracting Officer FAC-C or DAWIA Certification Level	1
If N/A, has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition?	[Not answered]

- 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: RMS is a steady state capital investment and EVM is not required for this type of product.
- 3. Do the contracts ensure Section 508 compliance? yes
 - a. Explain why not or how this is being done? Contracts include section 508 language
- 4. Is there an acquisition plan which reflects the requirements of FAR Subpart 7.1 and has been approved in accordance with agency requirements? **no**
 - a. If "yes," what is the date? [Not answered]
 - 1. Is it Current? [Not answered]
 - b. If "no," will an acquisition plan be developed? **no**
 - 1. If "no," briefly explain why: RMS is a steady state capital investment on which the original development plan was developed more than ten years ago. During the transition from the former Program Manager to the present (approximateley 5

Section D: Performance Information

	Performance Information Table							
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results	
2008	Ensure that Projects perform to meet authorized purposes and evolving conditions (CW Strategic Goal 3)	Mission and Business Results	Program Evaluation	% to which intermediate outcomes related to Controls and Oversight are achieved	Enterprise- wide program monitoring not available	90% of the enterprise's programs will be monitored by the BMT program	TBD 1Q FY09	
2008	Ensure that Projects perform to meet authorized purposes and evolving conditions (CW Strategic Goal 3)	Customer Results	Customer Satisfaction	% of IT users satisfied	User satisfaction with BMT initiatives not tracked	80% of users of BMT initiative will be satisfied	TBD 1Q FY09	
2008	Ensure that Projects perform to meet authorized purposes and evolving conditions (CW Strategic Goal 3)	Processes and Activities	Innovation and Improvement	% of desired customers or organizations participating in process	BMT not used enterprise-wide	95% of Civil Works organizations and commands will use BMT Program Initiatives	TBD 1Q FY09	
2008	Enterprise Service Model Transformation to and enterprise-wide service model with customer focused service levels. (USACE CIO Focus Area I)	Technology	Functionality	% to which intermediate outcomes related to controls and oversight are achieved.	All SRM components not yet addressed by program	100% of all SRM components addressed by BMT program	TBD 1Q FY09	
2010	Ensure that Projects perform to meet authorized purposes and evolving conditions (CW Strategic Goal 3)	Mission and Business Results	Program Evaluation	% to which intermediate outcomes related to controls and oversight are achieved	Enterprise- wide program monitoring not available	90% of the enterprise's programs will be monitored by the program	TBD 1Q FY11	
2010	Ensure that Projects perform to meet authorized purposes and evolving conditions (CW Strategic Goal 3)	Customer Results	Customer Satisfaction	% of IT users satisfied	User satisfaction with BMT initiatives not tracked	80% of users of satisfied	TBD 1Q FY11	
2010	Ensure that Projects perform to meet authorized purposes and evolving conditions (CW Strategic Goal 3)	Processes and Activities	Innovation and Improvement	% of desired customers or organizations participating in process	BMT not used enterprise- wide	95% of Civil Works organizations and commands will use BMT	TBD 1Q FY11	
2010	Enterprise Service Model Transformation to and enterprise-wide service model with customer focused service levels. (USACE CIO Focus	Technology	Functionality	% to which intermediate outcomes related to controls and oversight are achieved.	All SRM components not yet addressed by program	100% of all SRM components addressed by BMT program	TBD 1Q FY11	

	Area I)						
2009	Ensure that Projects perform to meet authorized purposes and evolving conditions (CW Strategic Goal 3)	Mission and Business Results	Program Evaluation	% to which intermediate outcomes related to controls and oversight are achieved	Enterprise- wide program monitoring not available	90% of the enterprise's programs will be monitored by the program	TBD 1Q FY10
2009	Ensure that Projects perform to meet authorized purposes and evolving conditions (CW Strategic Goal 3)	Customer Results	Customer Satisfaction	% of IT user satisfaction	User satisfaction with BMT initiatives not tracked	80% of users satisfied	TBD 1Q FY10
2009	Ensure that Projects perform to meet authorized purposes and evolving conditions (CW Strategic Goal 3)	Processes and Activities	Innovation and Improvement	% of desired customers or organizations participating in process	BMT not used enterprise- wide	95% of Civil Works organizations and commands will use BMT Program Initiatives	TBD 1Q FY10
2009	Enterprise Service Model Transformation to and enterprise-wide service model with customer focused service levels. (USACE CIO Focus Area I)	Technology	Functionality	% to which intended functionality or capabilities are provided	All SRM components not yet addressed by program	90% of the enterprise's programs will be monitored by the program	TBD 1Q FY10

Section E: Security and Privacy

- 1. Have the IT security costs for the system(s) been identified and integrated into the overall costs of the investment?: **yes**
 - a. If "yes," provide the "Percentage IT Security" for the budget year: 10.8
- 2. Is identifying and assessing security and privacy risks a part of the overall risk management effort for each system supporting or part of this investment?. **yes**

3. Syste	3. Systems in Planning and Undergoing Enhancement(s), Development, and/or Modernization - Security Table(s):							
Name of System	Agency/ or Contractor Operated System?	Planned Operational Date	Date of Planned certification and accreditation (C&A) update (for existing mixed life cycle systems) or Planned Completion Date (for new systems)					
	There are no Systems in Planning.							

	4. Operational Systems - Security Table:								
Name of System	Agency/ or Contractor Operated System?	NIST FIPS 199 Risk Impact level	Has C&A been Completed, using NIST 800-37?	Date Completed: C&A	What standards were used for the Security Controls tests?	Date Completed: Security Control Testing	Date the contingency plan tested		
RMS	Government Only	Low	yes	Mar 29, 2007	Other	Jul 29, 2008	Jul 29, 2008		

- 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? **no**
 - a. If "yes," have those weaknesses been incorporated into the agency's plan of action and milestone

- 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. [Not answered]
- 7. How are contractor security procedures monitored, verified, and validated by the agency for the contractor systems above? Contractor security procedures are monitored, verified and validated by the Corps program manager and via the Corps corporate UPASS process. This requires both the Corps and contractor project managers approval and is limited to specific access to the required server and application modules per individual. Also, the permissions are limited to the length of the specific contract and are automatically deleted by an expiration date. Foreign nationals are not hired for work on the Program s construction-related system. All information systems security personnel (government or contractor) are appointed in writing and have had security training and received appropriate, where required, certification. All personnel (government or contractor) who require access have had a personnel security background check and/or security investigation completed, consistent with the project s sensitivity designation. Separation of duties is strictly enforced. All operations personnel (government or contractors) have secret level clearances.

	8. Planning & Operational Systems - Privacy Table:								
Name of System	Is this a new system?	Is there a Privacy Impact Assessment (PIA) that covers this system?	Internet Link or Explanation	Is a System of Records Notice (SORN) required for this system?	Internet Link or Explanation				
Resident Management System RMS	no	yes	http://www.army.mil/CIOG6/links/privacyimpact.html	yes	Army policy directs the Corps to submit SORNs to Army for posting to the DoD PIA website. They are not to be posted for public review due to the fact that they contain FOUO information.				

Section F: Enterprise Architecture (EA)

- 1. Is this investment included in your agency's target enterprise architecture? yes
 - a. If "no," please explain why? [Not answered]
- 2. Is this investment included in the agency's EA Transition Strategy? **yes**
 - a. If "yes," provide the investment name as identified in the Transition Strategy provided in the agency's most recent annual EA Assessment. **RMS Resident Management System**
 - b. If "no," please explain why? [Not answered]
- 3. Is this investment identified in a completed and approved segment architecture? yes
 - a. If "yes," provide the six digit code corresponding to the agency segment architecture. The

	4. Service Component Reference Model (SRM) Table :						
Agency		FEA SRM		Service Con Reuse	=	Internal	- I
Component Name	Agency Component Description	Service Type	FEA SRM Component	Component Name UPI		or External Reuse?	BY Funding Percentage
Inbound Correspondence Management	Manage externally initiated communication between an organization and its stakeholders	Routing and Scheduling	Inbound Correspondence Management	[Not answered]	[Not answered]	No Reuse	3
Outbound Correspondence Management	Manage internally initiated communication between an organization and its stakeholders	Routing and Scheduling	Outbound Correspondence Management	[Not answered]	[Not answered]	No Reuse	3
Data Exchange	Data can be transmitted from the contractor's data base thru RMS to CEFMS for payment of contractor invoices	Data Management	Data Exchange	[Not answered]	[Not answered]	No Reuse	10
Program / Project Management	Manage and control a particular effort of an organization	Management of Processes	Program / Project Management	[Not answered]	[Not answered]	No Reuse	10
Quality Management	Help determine the level that a product or service satisfies certain requirements	Management of Processes	Quality Management	[Not answered]	[Not answered]	No Reuse	10
Performance Management	Measure the effectiveness of an organization's financial assets and capital	Investment Management	Performance Management	[Not answered]	[Not answered]	No Reuse	10
Procurement	Support the ordering and purchasing of products and services	Supply Chain Management	Procurement	[Not answered]	[Not answered]	No Reuse	10
Information Retrieval	Allow access to data and information for use by an organization and its stakeholders	Knowledge Management	Information Retrieval	[Not answered]	[Not answered]	No Reuse	10
Information Sharing	Support the use of documents and data in a multi-user environment for use by an organization and its stakeholders	Knowledge Management	Information Sharing	[Not answered]	[Not answered]	No Reuse	10
Standardized / Canned	Support the use of pre-conceived or pre-written reports	Reporting	Standardized / Canned	[Not answered]	[Not answered]	No Reuse	3
Ad Hoc	Support the use of dynamic reports on an as needed basis	Reporting	Ad Hoc	[Not answered]	[Not answered]	No Reuse	2

5. Technical Reference Model (TRM) Table:						
FEA SRM Component	FEA TRM Service	FEA TRM Service	FEA TRM Service	Service Specification		

	Area	Category	Standard	
Data Exchange	Service Platform and Infrastructure	Data Management	Data Exchange	Oracle 10i
Inbound Correspondence Management	Service Access and Delivery	Access Channels	Other Electronic Channels	Intranet, HTTPS, and Corps URL
Outbound Correspondence Management	Service Access and Delivery	Access Channels	Other Electronic Channels	Intranet, HTTPS, and Corps URL
Data Exchange	Service Access and Delivery	Access Channels	Other Electronic Channels	Intranet, HTTPS, and Corps URL
Program / Project Management	Service Access and Delivery	Access Channels	Other Electronic Channels	Intranet, HTTPS, and Corps URL
Quality Management	Service Access and Delivery	Access Channels	Other Electronic Channels	Intranet, HTTPS, and Corps URL
Performance Management	Service Access and Delivery	Access Channels	Other Electronic Channels	Intranet, HTTPS, and Corps URL
Procurement	Service Access and Delivery	Access Channels	Other Electronic Channels	Intranet, HTTPS, and Corps URL
Information Retrieval	Service Access and Delivery	Access Channels	Other Electronic Channels	Intranet, HTTPS, and Corps URL
Information Sharing	Service Access and Delivery	Access Channels	Other Electronic Channels	Intranet, HTTPS, and Corps URL
Standardized / Canned	Service Access and Delivery	Access Channels	Other Electronic Channels	Intranet, HTTPS, and Corps URL
Ad Hoc	Service Access and Delivery	Access Channels	Other Electronic Channels	Intranet, HTTPS, and Corps URL
Inbound Correspondence Management	Service Access and Delivery	Delivery Channels	Intranet	Corps of Engineers Intranet Architecture
Outbound Correspondence Management	Service Access and Delivery	Delivery Channels	Intranet	Corps of Engineers Intranet Architecture
Data Exchange	Service Access and Delivery	Delivery Channels	Intranet	Corps of Engineers Intranet Architecture
Program / Project Management	Service Access and Delivery	Delivery Channels	Intranet	Corps of Engineers Intranet Architecture
Quality Management	Service Access and Delivery	Delivery Channels	Intranet	Corps of Engineers Intranet Architecture
Performance Management	Service Access and Delivery	Delivery Channels	Intranet	Corps of Engineers Intranet Architecture
Procurement	Service Access and Delivery	Delivery Channels	Intranet	Corps of Engineers Intranet Architecture
Information Retrieval	Service Access and Delivery	Delivery Channels	Intranet	Corps of Engineers Intranet Architecture
Information Sharing	Service Access and Delivery	Delivery Channels	Intranet	Corps of Engineers Intranet Architecture
Standardized / Canned	Service Access and Delivery	Delivery Channels	Intranet	Corps of Engineers Intranet Architecture
Ad Hoc	Service Access and Delivery	Delivery Channels	Intranet	Corps of Engineers Intranet Architecture
Inbound Correspondence Management	Service Platform and Infrastructure	Database / Storage	Database	Oracle 10
Outbound Correspondence Management	Service Platform and Infrastructure	Database / Storage	Database	Oracle 10
Data Exchange	Service Platform and Infrastructure	Database / Storage	Database	Oracle 10
Program / Project Management	Service Platform and Infrastructure	Database / Storage	Database	Oracle 10
Quality Management	Service Platform and Infrastructure	Database / Storage	Database	Oracle 10
Performance Management	Service Platform and Infrastructure	Database / Storage	Database	Oracle 10
	Service Platform and			

Procurement	Infrastructure	Database / Storage	Database	Oracle 10
Information Retrieval	Service Platform and Infrastructure	Database / Storage	Database	Oracle 10
Information Sharing	Service Platform and Infrastructure	Database / Storage	Database	Oracle 10
Standardized / Canned	Service Platform and Infrastructure	Database / Storage	Database	Oracle 10
Ad Hoc	Service Platform and Infrastructure	Database / Storage	Database	Oracle 10

- 6. Will the application leverage existing components and/or applications across the Government (i.e., USA.Gov, Pay.Gov, etc)? **no**
 - a. If "yes," please describe. [Not answered]

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

Section A: Risk Management (All Capital Assets)

- 1. Does the investment have a Risk Management Plan? yes
 - a. If "yes," what is the date of the plan? Jul 29, 2008
 - b. Has the Risk Management Plan been significantly changed since last year's submission to OMB? **yes**
 - c. If "yes," describe any significant changes: Updated to meet ACE-IT requirements.
- 2. If there currently is no plan, will a plan be developed? [Not answered]
 - a. If "yes," what is the planned completion date? [Not answered]
 - b. If "no," what is the strategy for managing the risks? [Not answered]

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

- 1. Was operational analysis conducted? **yes**
 - a. If "yes," provide the date the analysis was completed. Feb 22, 2008
 - b. If "yes," what were the results? CIO Approved the Analysis
 - c. If "no," please explain why it was not conducted and if there are any plans to conduct operational analysis in the future: [Not answered]

2.

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

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

FY06 Operations and Maintenance	Sep 30, 2006	2	Sep 30, 2006	2	0	0
Operations and Maintenance FY07	Sep 30, 2007	2	[Not answered]	2	0	[Not answered]
FY08 Operations and Maintenance	Sep 30, 2007	2.1	[Not answered]	2.1	0	[Not answered]