

Exhibit 300 (BY2009)

PART ONE

OVERVIEW

1. Date of Submission:	2007-09-07
2. Agency:	429
3. Bureau:	00
4. Name of this Capital Asset:	Enterprise Digital Data Management System(DDMS)
5. Unique Project Identifier:	429-00-01-04-01-4005-00
6. What kind of investment will this be in FY2009? Operations and Maintenance	
7. What was the first budget year this investment was submitted to OMB? FY2003	
<p>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. DDMS provides hearing/document management technology and functionality as well as evidence presentation capability in two hearing rooms (Las Vegas and NRC HQ). DDMS enables the NRC to meet its obligation of conducting the adjudicatory proceeding regarding the DOE application for construction authorization of a High Level Waste repository at Yucca Mountain, NV within the congressional mandate that the NRC reach a determination in a three-year time frame and is also used for other NRC licensing and enforcement adjudications. DDMS is accessible via the Internet; enables the creation and use of a comprehensive digital record; by recording, storing, and displaying the text and image of documents presented in the hearing; permits access and retrieval of the entire record; allows counsel to bring electronically prepared material to the evidentiary hearing; provides real-time access to the hearing record; and supports information management during pre-hearing, hearing, and post-hearing phases. The benefits include the ability to: satisfy Commission Rules and Policies; conduct efficient and effective hearings; support agency and judicial appellate processes; provide comprehensive public access to information used during the hearing; improve perception of the NRC adjudicatory process by litigants and the public; capitalize on current/planned NRC investments. Conducting proceedings in a paper-based environment would be extremely cumbersome; costly in terms of time, storage, replication and shipping of paper documents, larger hearing room facilities, federal FTE, and party/intervenor personnel needed to manage paper documents; and significantly increase the need for document processing capabilities. DDMS reduces the time required to process the enormous volume of information expected in Atomic Safety and Licensing Board Panel (ASLBP) proceedings by utilizing electronic versions of documents. This increases the efficiency of the judges and participants who need to search the large and complex transcripts and exhibits that will be generated during hearings. Without DDMS, ASLBP would face the prospect of administering its hearings while relying on manual processes and ADAMS and EHD automation for hearing room information management. These existing systems are not designed to provide interactive trial support and are not capable of controlling or integrating the various media and devices that will be in the hearing room to support</p>	

exhibit and evidentiary presentations.

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

yes

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

2007-08-29

10. Did the Project Manager review this Exhibit?

yes

11. Project Manager Name:

Welkie (DDMS), Andrew

Project Manager Phone:

301-415-6541

Project Manager Email:

AXW5@NRC.GOV

11.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

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

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

yes

If yes, select the initiatives that apply:

Expanded E-Government

13.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?)

Although not a shared service provider/managing partner, DDMS improves the ability of the NRC to conduct business via a web portal with external entities using techniques to process and make available the entire adjudicatory record electronically, reducing paper and manual processes. It employs tele/video conference technologies to make NRC staff, witness and party participation more flexible and provides external stakeholders the ability to access available information easily and effectively.

14. Does this investment support a program assessed using the 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 PARTed program?

Spent Fuel Storage and Transportation Licensing and Inspection

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

Effective

15. Is this investment for information technology?

yes

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 2007 agency high risk report (per OMB memorandum M-05-23)?

yes

19. Is this a financial management system?

no

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

Hardware	34
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Software	14
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Services	38
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Other	14
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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

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

Name

Sandra S. Northern

Phone Number

301-415-6879

Title

Privacy Officer

Email

SSN@NRC.GOV

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

SUMMARY OF SPEND

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
	-2006	2007	2008
Planning Budgetary Resources		0.015	0.000
Acquisition Budgetary Resources		4.137	0.000
Maintenance Budgetary Resources		1.113	1.312
Government FTE Cost		1.300	0.550
# of FTEs		10	3

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

3. If the summary of spending has changed from the FY2008 President's budget request, briefly explain those changes.

During the FY 2008 300b submission, the summary of funding table values for the PY and BY data was incorrectly exported. The summary of funding table has been updated accordingly to reflect PY and BY information.

PERFORMANCE

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 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	Strategic Goal Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Planned Improvement to the Baseline	Actual Results
1 2006	Effectiveness	Mission and Business Results	Judicial Hearings	DDMS supports automated electronic	22+ full time employees are needed	20 full time employees are needed to perform	There has been a delay with the filing of DOE's

				processing of exhibits which reduces the reliance on manual, labor intensive methods reducing the number of full time employees needed to support the judicial hearing process. DDMS ease of use is a key factor to proceedings progressing in a timely efficient manner. System usability will ensure effective use during hearings and measured using a user satisfaction survey periodically sent to a random group of DDMS users.	to perform Yucca Mountain judicial processes	Yucca Mountain judicial processes	license application for a high level waste repository at Yucca Mountain. No hearings have been held.
2	2006 Effectiveness	Customer Results	Customer Complaints	50% participants surveyed experience increase in efficiency in the hearing process.	60% participants surveyed experience increase in efficiency in the hearing process.		There has been a delay with the filing of DOE's license application for a high level waste repository at Yucca Mountain. No hearings have been held.
3	2006 Management and	Processes and Activities	Security	Adherence to Federal and Agency IT security standards will help ensure the confidentiality,	0 % compliant with FISMA requirements since system is not in production.	100 % compliance with FISMA requirements	DDMS has completed a self assessment, E-Authentication risk assessment,

				integrity, and availability of the information			and privacy impact assessment
				DDMS processes			
				System availability outside of normal business hours			
4	2006 Openness	Technology	Availability	DDMS is crucial to participants in legal proceedings. Minimal downtime for system maintenance will help ensure high availability. DDMS supports automated electronic processing of exhibits which reduces the reliance on manual, labor intensive methods reducing the number of full time employees needed to support the judicial hearing process.	DDMS is currently not available but the objective is to make it 22 hours a highly available system	DDMS will be available each day	DDMS has achieved 100% hearing availability and has been up at least 22 hours per day.
5	2007 Effectiveness	Mission and Business Results	Judicial Hearings	DDMS supports automated electronic processing of exhibits which reduces the reliance on manual, labor intensive methods reducing the number of full time employees needed to support the judicial hearing process.	22+ full time employees are needed to perform Yucca Mountain judicial processes	20 full time employees are needed to perform Yucca Mountain judicial processes	Actual performance measures for FY2007 are presented as of August 30, 2007. There has been a delay with the filing of DOE's license application for a high level waste repository at Yucca Mountain. No hearings have been held.
6	2007 Effectiveness	Customer Results	Customer Complaints	DDMS ease of use is a key factor to proceedings	50% participants surveyed experience	60% participants surveyed expressed	Actual performance measures for FY2007 are

				progressing in a timely efficient manner. System usability will ensure effective use during hearings and measured using a user satisfaction survey periodically sent to a random group of DDMS users.	increase in efficiency in the hearing process.	improves hearing process.	presented as of August 30, 2007. There has been a delay with the filing of DOE's license application for a high level waste repository at Yucca Mountain. No hearings have been held.
7	2007 Management and Activities	Processes and Activities	Security	Adherence to Federal and Agency IT security standards will help ensure the confidentiality, integrity, and availability of the information DDMS processes	100% compliance with FISMA requirements	Receive an ATO from the Agency DAA	Actual performance measures for FY2007 are presented as of August 30, 2007. DMS was granted an ATO April 3, 2007 and has provided Agency required reports
8	2007 Openness	Technology	Availability	System availability outside of normal business hours is crucial to participants in legal proceedings. Minimal downtime for system maintenance	Maintain DDMS availability at least 22 hours each day	Maintain DDMS availability at least 23 hours each day	Actual performance measures for FY2007 are presented as of August 30, 2007. Although no hearings have been conducted, DDMS has remained

				will help ensure high availability. DDMS supports automated electronic processing of exhibits which reduces the reliance on manual, labor intensive methods reducing the number of full time employees needed to support the judicial hearing process. DDMS ease of use is a key factor to proceedings progressing in a timely efficient manner.		available at least 22 hours per day	
9	2008 Effectiveness	Mission and Business Results	Judicial Hearings	DDMS supports automated electronic processing of exhibits which reduces the reliance on manual, labor intensive methods reducing the number of full time employees needed to support the judicial hearing process. DDMS ease of use is a key factor to proceedings progressing in a timely efficient manner. System usability will ensure effective use during hearings and measured using a user satisfaction survey periodically sent to a random group of DDMS users.	22+ full time employees are needed to perform Yucca Mountain judicial processes	20 full time employees are needed to perform Yucca Mountain judicial processes	Pending
10	2008 Effectiveness	Customer Results	Customer Complaints	System usability will ensure effective use during hearings and measured using a user satisfaction survey periodically sent to a random group of DDMS users.	60% participants surveyed expressed improves hearing process.	70% participants surveyed expressed improves hearing process.	Pending

11	2008	Management and Activities	Processes	Security	By reducing the number of work days it takes to mitigate critical, major and minor security issues, identified through continuous monitoring, the confidentiality, integrity, and availability of the information DDMS processes will be preserved. System availability outside of normal business hours is crucial to participants in legal proceedings. Minimal downtime for system maintenance will help ensure high availability. DDMS supports automated electronic processing of exhibits which reduces the reliance on manual, labor	Mitigate IT security issues found during continuous monitoring. Critical issues within 60 days, major issues within 75 days, and minor issues within 90 days.	Mitigate IT security issues found during continuous monitoring. Critical issues within 45 days, major issues within 60 days, and minor issues within 75 days.	Pending
12	2008	Openness	Technology	Availability				Pending
13	2009	Effectiveness	Mission and Business Results	Judicial Hearings				Pending

				intensive methods reducing the number of full time employees needed to support the judicial hearing process. DDMS ease of use is a key factor to proceedings progressing in a timely efficient manner.				
142009	Effectiveness	Customer Results	Customer Complaints	System usability will ensure effective use during hearings and measured using a user satisfaction survey periodically sent to a random group of DDMS users.	70% participants surveyed expressed improves hearing process.	80% participants surveyed expressed improves hearing process.	Pending	
152009	Management and	Processes Activities	Security	By reducing the number of work days it takes to mitigate critical, major and minor security issues, identified through continuous monitoring,	Mitigate IT security issues found during continuous monitoring. Critical issues within 45 days, major issues within 60 days, and	Mitigate IT security issues found during continuous monitoring. Critical issues within 40 days, major issues within 55 days, and	Pending	

				the confidentiality, integrity, and availability of the information DDMS processes will be preserved. System availability outside of normal business hours is crucial to participants in legal proceedings. Minimal downtime for system maintenance will help ensure high availability. DDMS supports automated electronic processing of exhibits which reduces the reliance on manual, labor intensive methods reducing the number of full time employees needed to support the judicial hearing process.	minor issues within 75 days.	minor issues within 70 days.	
162009	Openness	Technology	Availability		Maintain DDMS availability at least 22 hours each day	Maintain DDMS availability at least 23 hours each day	Pending
172010	Effectiveness	Mission and Business Results	Judicial Hearings		19 full time employees are needed to perform Yucca Mountain judicial processes	18 full time employees are needed to perform Yucca Mountain judicial processes	Pending
182010	Effectiveness	Customer	Customer		DDMS ease of 80%	85%	Pending

	Results	Complaints	use is a key factor to proceedings progressing in a timely efficient manner. System usability will ensure effective use during hearings and measured using a user satisfaction survey periodically sent to a random group of DDMS users.	participants surveyed expressed improves hearing process.	participants surveyed expressed improves hearing process.	
			By reducing the number of work days it takes to mitigate critical, major and minor security issues identified through continuous monitoring, the confidentiality, integrity, and availability of the information DDMS processes will be preserved.	Mitigate IT security issues found during continuous monitoring. Critical issues within 40 days, major issues within 55 days, and minor issues within 70 days.	Mitigate IT security issues found during continuous monitoring. Critical issues within 35 days, major issues within 50 days, and minor issues within 65 days.	
192010	Management and Activities	Security				Pending
202010	Openness	Technology	Availability	System availability outside of	Maintain DDMS availability	Maintain DDMS availability Pending

					normal business hours is crucial to participants in legal proceedings. Minimal downtime for system maintenance will help ensure high availability. Adherence to Federal and Agency IT security standards will help ensure confidentiality, integrity, and availability of the information DDMS processes DDMS supports automated electronic processing of exhibits which reduces the reliance on manual, labor intensive methods reducing the number of full time employees needed to support the judicial hearing process.	at least 22 hours each day	at least 23 hours each day	
21	2010	Security	Processes and Activities	Security	ATO received in Fiscal Year 2007 expires.	Receive an ATO from the Agency DAA	Pending	
22	2011	Effectiveness	Mission and Business Results	Judicial Hearings	18 full time employees are needed to perform Yucca Mountain judicial processes	17 full time employees are needed to perform Yucca Mountain judicial processes	Pending	

23	2011	Effectiveness	Customer Results	Customer Complaints	DDMS ease of use is a key factor to proceedings progressing in a timely efficient manner. System usability will ensure effective use during hearings and measured using a user satisfaction survey periodically sent to a random group of DDMS users. By reducing the number of work days it takes to mitigate critical, major and minor security issues, identified through continuous monitoring, the confidentiality, integrity, and availability of the information DDMS processes will be preserved.	85% participants surveyed expressed improves hearing process.	90% participants surveyed expressed improves hearing process.	Pending
24	2011	Management	Processes and Activities	Security	DDMS processes will be preserved.	Mitigate IT security issues found during continuous monitoring. Critical issues within 35 days, major issues within 50 days, and minor issues within 65 days.	Mitigate IT security issues found during continuous monitoring. Critical issues within 30 days, major issues within 45 days, and minor issues within 60 days.	Pending
25	2011	Openness	Technology	Availability	System availability	Maintain DDMS	Maintain DDMS	Pending

				outside of normal business hours is crucial to participants in legal proceedings. Minimal downtime for system maintenance will help ensure high availability. DDMS supports automated electronic processing of exhibits which	availability at least 22 hours each day	availability at least 23 hours each day	
26	2012 Effectiveness	Mission and Business Results	Judicial Hearings	reduces the reliance on manual, labor intensive methods reducing the number of full time employees needed to support the judicial hearing process. DDMS ease of use is a key factor to proceedings progressing in a timely efficient manner. System usability will ensure effective use	17 full time employees are needed to perform Yucca Mountain judicial processes	16 full time employees are needed to perform Yucca Mountain judicial processes	Pending
27	2012 Effectiveness	Customer Results	Customer Complaints		90% participants surveyed expressed improves hearing process.	91% participants surveyed expressed improves hearing process.	Pending

				during hearings and measured using a user satisfaction survey periodically sent to a random group of DDMS users.			
28	2012 Management and Activities	Processes	Security	By reducing the number of work days it takes to mitigate critical, major and minor security issues identified through continuous monitoring, the confidentiality, integrity, and availability of the information DDMS processes will be preserved. System availability outside of normal business hours is crucial to participants in legal proceedings. Minimal downtime for system maintenance will help	Mitigate IT security issues found during continuous monitoring. Critical issues within 30 days, major issues within 45 days, and minor issues within 60 days.	Mitigate IT security issues found during continuous monitoring. Critical issues within 25 days, major issues within 40 days, and minor issues within 55 days.	Pending
29	2012 Openness	Technology	Availability		Maintain DDMS availability at least 22 hours each day	Maintain DDMS availability at least 23 hours each day	Pending

30	2013	Effectiveness	Mission and Business Results	Judicial Hearings	ensure high availability. DDMS supports automated electronic processing of exhibits which reduces the reliance on manual, labor intensive methods reducing the number of full time employees needed to support the judicial hearing process. DDMS ease of use is a key factor to proceedings progressing in a timely efficient manner.	16 full time employees are needed to perform Yucca Mountain judicial processes	15 full time employees are needed to perform Yucca Mountain judicial processes	Pending
			Customer Results	Customer Complaints	System usability will ensure effective use during hearings and measured using a user satisfaction survey periodically sent to a random group of DDMS users.	91% participants surveyed expressed improves hearing process.	92% participants surveyed expressed improves hearing process.	Pending
					By reducing	Mitigate IT	Mitigate IT	Pending
32	2013	Management	Processes	Security				

	and Activities			the number of security work days it takes to mitigate critical, major and minor security issues, identified through continuous monitoring, the confidentiality, integrity, and availability of the information DDMS processes will be preserved. System availability outside of normal business hours is crucial to participants in legal proceedings. Minimal downtime for system maintenance will help ensure high availability. Adherence to Federal and Agency IT security standards will help ensure the confidentiality, integrity, and availability of the	security issues found during continuous monitoring. Critical issues within 25 days, major issues within 40 days, and minor issues within 55 days.	security issues found during continuous monitoring. Critical issues within 20 days, major issues within 35 days, and minor issues within 50 days.	
332013	Openness	Technology	Availability		Maintain DDMS availability at least 22 hours each day	Maintain DDMS availability at least 23 hours each day	Pending
342013	Management and	Processes Activities	Security		ATO received in Fiscal Year 2010 expires.	Receive an ATO from the Agency DAA	Pending

			information DDMS processes DDMS supports automated electronic processing of exhibits which reduces the reliance on manual, labor intensive methods reducing the number of full time employees needed to support the judicial hearing process. DDMS ease of use is a key factor to proceedings progressing in a timely efficient manner.			
35	2014 Effectiveness	Mission and Business Results	Judicial Hearings	15 full time employees are needed to perform Yucca Mountain judicial processes	14 full time employees are needed to perform Yucca Mountain judicial processes	Pending
36	2014 Effectiveness	Customer Results	Customer Complaints	System usability will ensure effective use during hearings and measured using a user satisfaction survey periodically sent to a random group of DDMS users.	92% participants surveyed expressed improves hearing process.	93% participants surveyed expressed improves hearing process.
						Pending

37	2014	Management and Activities	Processes	Security	By reducing the number of work days it takes to mitigate critical, major and minor security issues, identified through continuous monitoring, the confidentiality, integrity, and availability of the information DDMS processes will be preserved. System availability outside of normal business hours is crucial to participants in legal proceedings. Minimal downtime for system maintenance will help ensure high availability. DDMS supports automated electronic processing of exhibits which reduces the reliance on manual, labor	Mitigate IT security issues found during continuous monitoring. Critical issues within 20 days, major issues within 35 days, and minor issues within 50 days.	Mitigate IT security issues found during continuous monitoring. Critical issues within 15 days, major issues within 30 days, and minor issues within 45 days.	Pending
38	2014	Openness	Technology	Availability	DDMS availability outside of normal business hours is crucial to participants in legal proceedings. Minimal downtime for system maintenance will help ensure high availability. DDMS supports automated electronic processing of exhibits which reduces the reliance on manual, labor	Maintain DDMS availability at least 22 hours each day	Maintain DDMS availability at least 23 hours each day	Pending
39	2015	Effectiveness	Mission and Business Results	Judicial Hearings	DDMS supports automated electronic processing of exhibits which reduces the reliance on manual, labor	14 full time employees are needed to perform Yucca Mountain judicial processes	13 full time employees are needed to perform Yucca Mountain judicial processes	Pending

				intensive methods reducing the number of full time employees needed to support the judicial hearing process. DDMS ease of use is a key factor to proceedings progressing in a timely efficient manner.			
40	2015 Effectiveness	Customer Results	Customer Complaints	System usability will ensure effective use during hearings and measured using a user satisfaction survey periodically sent to a random group of DDMS users.	93% participants surveyed expressed improves hearing process.	94% participants surveyed expressed improves hearing process.	Pending
41	2015 Management and	Processes and Activities	Security	critical, major and minor security issues, identified through continuous monitoring,	Mitigate IT security issues found during continuous monitoring. Critical issues within 15 days, major issues within 30 days, and	Mitigate IT security issues found during continuous monitoring. Critical issues within 10 days, major issues within 25 days, and	Pending

			the confidentiality, integrity, and availability of the information DDMS processes will be preserved. System availability outside of normal business hours is crucial to participants in legal proceedings. Minimal downtime for system maintenance will help ensure high availability.	minor issues within 45 days.	minor issues within 40 days.	
422015	Openness	Technology	Availability	DDMS availability at least 22 hours each day	Maintain DDMS availability at least 23 hours each day	Pending

EA

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
2. Is this investment included in the agency's EA Transition Strategy?
yes
- 2.a. If yes, provide the investment name as identified in the Transition Strategy provided in the agency's most recent annual EA Assessment.
Digital Data Management System
3. Is this investment identified in a completed (contains a target architecture) and approved segment architecture?
no
4. 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.whitehouse.gov/omb/egov/>.

Component: Use existing SRM Components or identify as NEW. A NEW component is one not already identified as a service component in the FEA SRM.

Reused Name and UPI: 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.

Internal or External Reuse?: 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.

Funding Percentage: Please provide the percentage of the BY requested funding amount used for each service component listed in the table. If external, provide the funding level transferred to another agency to pay for the service.

	Agency Component Name	Agency Component Description	Service Type	Component	Reused Component Name	Reused UPI	Internal or External Reuse?	Funding
1	Enterprise Digital Data Management System - Hearing Management	DDMS provides access to hearing participants	Customer Relationship Management	Partner Relationship Management			No Reuse	10
2	Enterprise Digital Data Management System - Document Management	DDMS supports the capture and analysis of exhibit information for the Yucca Mountain case decision	Tracking and Workflow	Case Management			No Reuse	10
3	Enterprise Digital Data Management System - Document Management	DDMS provides local scanning station support	Document Management	Document Imaging and OCR			No Reuse	1
4	Enterprise Digital Data Management System - Document Management	DDMS provides for references to related content	Document Management	Document Referencing			No Reuse	5

5	Enterprise Digital Data Management System - Hearing Management	DDMS provides storage and support for Yucca Mountain exhibits	Document Management	Library / Storage	No Reuse	5
6	Enterprise Digital Data Management System - Document Management	DDMS provides the conversion of hearing information to/from multiple formats	Document Management	Document Conversion	No Reuse	2
7	Enterprise Digital Data Management System - Document Management	DDMS utilizes metadata and indexing	Document Management	Indexing	No Reuse	5
8	Enterprise Digital Data Management System - Document Management	DDMS provides classification and categorization of documents according to exhibit markups and other important attributes	Document Management	Classification	No Reuse	5
9	Enterprise Digital Data Management System - Hearing Management	DDMS supports the use of documents and data by multiple users	Knowledge Management	Information Sharing	No Reuse	7
10	Enterprise Digital Data Management System - Evidence Presentation	DDMS supports the categorization of documents and artifacts, both electronic and	Records Management	Document Classification	No Reuse	5

11	Enterprise Digital Data Management System - Evidence Presentation	physical DDMS supports the representation of information in multiple forms including full motion video DDMS	Visualization	Multimedia	No Reuse	10
12	Enterprise Digital Data Management System - Evidence Presentation	supports the capture and analysis of exhibit information for the Yucca Mountain case decision DDMS	Business Intelligence	Decision Support and Planning	No Reuse	2
13	Enterprise Digital Data Management System - Access Control	supports the obtaining of information about users attempting to log on to the DDMS to authenticate them	Security Management	Identification and Authentication	No Reuse	4
14	Enterprise Digital Data Management System - Access Control	DDMS controls access to the system	Security Management	Access Control	No Reuse	4
15	Enterprise Digital Data Management System - Access Control	DDMS supports digital signatures for the files that it maintains	Security Management	Digital Signature Management	No Reuse	3
16	Enterprise Digital Data Management System - Hearing	DDMS supports the retrieval of records based on patterns in	Search	Query	No Reuse	3

	Management	the content of the documents DDMS					
17	Enterprise Digital Data Management System - Hearing Management	supports the selection and retrieval of records ranked to optimize precision against recall DDMS	Search	Precision / Recall Ranking	No Reuse	4	
18	Enterprise Digital Data Management System - Hearing Management	utilizes network switches routers and firewalls to manage and control data access. DDMS	Organizational Management	Network Management	No Reuse	4	
19	Enterprise Digital Data Management System - Evidence Presentation	supports the use of video conference for remote participation of ASLBP staff, NRC Staff, participants, and witnesses DDMS	Communication	Video Conferencing	No Reuse	5	
20	Enterprise Digital Data Management System - Document Management	exchanges data with the Agency's official document system, ADAMS, to support ASLBP proceedings	Data Management	Data Exchange	No Reuse	7	

5. 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: 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.

Service Specification: 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.

SRM Component	Service Area	Service Category	Service Standard	Service Specification (i.e., vendor and product name)
1 Partner Relationship Management	Service Platform and Infrastructure	Delivery Servers	Portal Servers	Plumtree Portal Version 5.x running on Dell PowerEdge 6650 with Windows 2003 R2
2 Case Management	Service Platform and Infrastructure	Delivery Servers	Application Servers	Plumtree Portal Version 5.x running on Dell PowerEdge 6650 with Windows 2003 R2
3 Document Imaging and OCR	Service Platform and Infrastructure	Hardware / Infrastructure	Peripherals	HP Scanner - Model HP4101mfp
4 Document Referencing	Service Platform and Infrastructure	Database / Storage	Database	MS SQL Server 2000 running on Dell PowerEdge 6650 with Windows 2003 R2
5 Library / Storage	Service Platform and Infrastructure	Database / Storage	Database	MS SQL Server 2000 running on Dell PowerEdge 6650 with Windows 2003 R2
6 Document Conversion	Service Interface and Integration	Interoperability	Data Transformation	Adobe Acrobat Version 8x
7 Indexing	Service Platform and Infrastructure	Database / Storage	Database	MS SQL Server 2000 running on Dell PowerEdge 6650 with Windows 2003 R2
8 Classification	Service Platform and Infrastructure	Database / Storage	Database	MS SQL Server 2000 running on Dell PowerEdge 6650 with Windows 2003 R2
9 Information Sharing	Service Platform and Infrastructure	Delivery Servers	Portal Servers	Plumtree Portal Version 5.x running on Dell PowerEdge 6650 with Windows 2003 R2
10 Document	Service	Database /	Database	MS SQL Server 2000

	Classification	Platform and Infrastructure	Storage		running on Dell PowerEdge 6650 with Windows 2003 R2 MediaEdge COTS
11	Multimedia	Service Platform and Infrastructure	Delivery Servers	Application Servers	Product running on Dell PowerEdge 6650 with Windows 2003 R2
12	Decision Support and Planning	Component Framework	Business Logic	Platform Independent	Seagate Crystal Reports Version 10.x
13	Identification and Authentication	Service Platform and Infrastructure	Delivery Servers	Application Servers	MS Active Directory running on Dell PowerEdge 6650 with Windows 2003 R2
14	Access Control	Service Access and Delivery	Service Transport	Supporting Network Services	MS Active Directory running on Dell PowerEdge 6650 with Windows 2003 R2
15	Digital Signature Management	Service Platform and Infrastructure	Support Platforms	Platform Dependent	Verisign (Vendor)
16	Query	Component Framework	Presentation / Interface	Dynamic Server-Side Display	Seagate Crystal Reports Version 10.x
17	Precision / Recall Ranking	Component Framework	Data Management	Reporting and Analysis	Seagate Crystal Reports Version 10.x
18	Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	Dell PowerConnect 5324 Switches, Cisco 3700 Series Routers, and Cisco 515 PIX Firewalls
19	Video Conferencing	Service Platform and Infrastructure	Hardware / Infrastructure	Video Conferencing	PolyCom IPower 9000
20	Data Exchange	Component Framework	Data Interchange	Data Exchange	SSH Tectia Client and Server Version 5.x
6. Will the application leverage existing components and/or applications across the Government (i.e., FirstGov, Pay.Gov, etc)?					
no					

PART THREE RISK

You should perform a risk assessment during the early planning and initial concept phase of the investment's life-cycle, develop 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.

Answer the following questions to describe how you are managing investment risks.

1. Does the investment have a Risk Management Plan?

yes

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

2007-07-31

1.b. Has the Risk Management Plan been significantly changed since last year's submission to OMB?

no

COST & SCHEDULE

1. Was operational analysis conducted?

yes

1.a. If yes, provide the date the analysis was completed.

2007-08-31

What were the results of your operational analysis?

The operational analysis of the Enterprise DDMS has shown that the investment as designed, developed, and implemented meets its intended purpose. Cost has been managed to within 5% of the planned cost, performance metrics have been met where appropriate, and FISMA compliance has been met. The investment was designed to facilitate hearing and document management during the adjudicatory proceeding regarding the DOE application for construction authorization of a High Level Waste repository at Yucca Mountain, NV for the High Level Waste. DOE has not yet submitted its application, originally targeted in December 2004. Through a series of mock hearings, end-to-end tests with interfacing systems and the shadowing of exhibit processing during existing ASLBP proceedings, ASLBP has shown that the investment will increase the efficiency of hearing process, reduce effort in processing exhibits, ease the management of complex hearings, and provide a complete digital record of ASLBP proceedings. The processing of data between systems has been validated as well as the procedures for data consistency. The investment's security posture has been verified using NIST standards and failover capabilities tested during full contingency plan testing. Vulnerability scanning is scheduled on a quarterly basis Training efforts have been well received by staff and are measured using student evaluations.

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