

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:

2. Agency: Department of Commerce

3. Bureau: Noaa (Nws)

4. Name of this Capital Asset: NOAA/NWS/ Weather Radio Improvement Project (WRIP)

5. Unique Project (Investment) Identifier: (For IT investment only, see section 53. For all other, use agency ID system.) 006-48-01-12-01-3124-00

6. What kind of investment will this be in FY 2010? (Please NOTE: Investments moving to O&M in FY 2010, with Planning/Acquisition activities prior to FY 2010 should not select O&M. These investments should indicate their current status.) Full Acquisition

7. What was the first budget year this investment was submitted to OMB? FY2009

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:

The NOAA National Weather Service (NWS) has a critical mission to provide weather watches and warnings, all hazards and other emergency messages to the public and emergency managers through the NOAA Weather Radio (NWR), NOAA Weather Wire Service (NWWS), and other dissemination systems. The Weather Radio Improvement Project (WRIP) was initiated in October 2004 to evaluate, update and modernize certain aspects of NWR and to consolidate the NWR and NWWS system infrastructure into a coherent, flexible, and cost effective integrated infrastructure.

The objectives of WRIP are to: 1) Replace the obsolete NOAA Weather Radio (NWR) Console Replacement System (CRS); 2) Consolidate the current NWR and NOAA Weather Wire Service (NWWS) into a single network; and 3) Provide access to NWR transmitters for dissemination of live localized and national emergency voice alerts.

The NWR CRS is at its end of life and ongoing support is at high risk due to parts obsolescence. The consequences of a failed CRS would cause the system to revert to a manual mode, delaying emergency broadcasts from seconds to minutes.

The NWR Console Replacement System (CRS) has reached its end of life and cannot be supported due to parts obsolescence. Many of the Weather Forecasting Office (WFO) CRS systems could deteriorate and stop functioning without warning. If CRS is not replaced, NWR is at risk of losing broadcast capability at individual transmitters, thereby increasing risk to life and property. Also, the 10-year old CRS architectural design is not able to support all DOC IT security requirements without significant additional development.

Further, the NWR telecommunication systems contain single points of failure and are a source of performance problems. The Post Katrina Service Assessment Report recommended, " single points of failure need to be addressed, and communication devices that do not depend on the local infrastructure should be explored."

In instances of terrestrial outages, WRIP would provide the capability to broadcast over NWR. WRIP will utilize satellite-based communications and operational service backup capabilities, and eliminate the risk of terrestrial communications failures.

Consolidation of NWR and NWWS into a single network eliminates separate stove pipe systems. It is anticipated that this consolidation will result in enhanced capabilities and reduced O&M and communications costs.

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

a. If "yes," what was the date of this approval? 3/20/2007

10. Did the Project Manager review this Exhibit? Yes

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? 6/5/2006

c. What date did the Program/Project Manager receive the FAC-P/PM certification? If the certification has not been 11/28/2008

issued, what is the anticipated date for certification?

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

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) No

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

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

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

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

If "yes," check all that apply:

Expanded E-Government
Budget Performance Integration

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?)

Expanded E-Govt.- WRIP will provide, an easy-to-use access Network for the Emergency managers and weather forecast offices around the Nation to effectively broadcast all-hazards weather information.
Budget Performance Integration - WRIP resources are devoted to improving performance and achieving improvements in the NWS GPRA goals:
Increase application and accessibility of weather and water information as the foundation for creating and leveraging public, private, and academic partnerships.

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?

b. If "yes," what is the name of the PARTed program?

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

15. Is this investment for information technology? Yes

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 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) No

19. Is this a financial management system? No

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

1. If "yes," which compliance area:

2. 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 FY2010 funding request for the following? (This should total 100%)

- Hardware 10
 - Software 18
 - Services 72
 - 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? N/A
 - 23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval? No
- Question 24 must be answered by all Investments:
- 24. Does this investment directly support one of the GAO High Risk Areas? 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 2008	CY 2009	BY 2010					
Planning:	0	0	0.7	0.875					
Acquisition:	0	0	6.206	4.868					
Subtotal Planning & Acquisition:	0	0	6.906	5.743					
Operations & Maintenance:	0	0	0	0					
TOTAL:	0	0	6.906	5.743					
Government FTE Costs should not be included in the amounts provided above.									
Government FTE Costs	0	0	0	0					
Number of FTE represented by Costs:	0	0	0	0					

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? No
 - a. If "yes," How many and in what year?
- 3. If the summary of spending has changed from the FY2009 President's budget request, briefly explain those changes:

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

1. Complete the table for all (including all non-Federal) contracts and/or task orders currently in place or planned for this investment. Total Value should include all option years for each contract. Contracts and/or task orders completed do not need to be included.

Contracts/Task Orders Table:															* Costs in millions	
Contract or Task Order Number	Type of Contract/ Task Order (In accordance with FAR Part 16)	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)	What, if any, alternative financing option is being used? (ESPC, UESC, EUL, N/A)	Is EVM in the contract? (Y/N)	Does the contract include the required security & privacy clauses? (Y/N)	Name of CO	CO Contact information (phone/email)	Contracting Officer FAC-C or DAWIA Certification Level (Level 1, 2, 3, N/A)	If N/A, has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition ? (Y/N)
DG133W-07-NC-1956	GSA	Yes	9/14/2007	9/21/2007	9/26/2008	3.9	No	Yes	Yes	NA	Yes	Yes		lamar.carlson@noaa.gov	Level 2	Yes

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? N/A

a. Explain why not or how this is being done? The Department of Commerce and NOAA Contracting Offices require the inclusion of Section 508 compliance language in the statement of work for all IT development contracts. In order to procure all COTS equipment and software, requestors are required to include with their purchase order a completed Voluntary Product Assessibility Template (VPAT) for review.

4. Is there an acquisition plan which reflects the requirements of FAR Subpart 7.1 and has been approved in accordance with agency requirements? Yes

a. If "yes," what is the date? 12/16/2008

1. Is it Current? Yes

b. If "no," will an acquisition plan be developed? Yes

1. If "no," briefly explain why: An acquisition plan is currently being developed and will be completed by January 2009.

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 the next President's Budget.

Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2009	2.1 Develop tools and capabilities that improve the productivity, quality, dissemination, and efficiency of research.	Customer Results	Timeliness and Responsiveness	Delivery Time	Develop a system that will improve response time to deliver watches and warnings to the public.	NWR: Deliver high priority messages within 60 sec. NWS: Deliver high priority messages within 10 sec.	Still in development; system not yet operational.	TBD
2009	2.1 Develop tools and capabilities that improve the productivity, quality, dissemination, and efficiency of research.	Mission and Business Results	Information and Technology Management	Information Management	Develop a system that will incorporate all of the latest IT Security requirements for ~122 WFO's.	~122 non-IT Security compliant WFO's.	Still in development; system not yet operational.	TBD
2009	2.1 Develop tools and capabilities that improve the productivity, quality, dissemination, and efficiency of research.	Processes and Activities	Management and Innovation	Innovation and Improvement	Develop a system with a centralized concept to replace the obsolete Console Replacement Systems at ~122 WFO's.	Currently there are ~122 WFO's with obsolete Console Replacement Systems that need to be replaced.	Still in development; system not yet operational.	TBD
2009	2.1 Develop tools and capabilities that improve the productivity, quality, dissemination, and efficiency of research.	Technology	Efficiency	Technology Improvement	Develop a system WFO's with emergency override to one transmitter, multiple transmitters, or all transmitters	Capability currently does not exist.	Still in development; system not yet operational.	TBD

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Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	research.				for ~122 WFO's.			
2010	2.1 Develop tools and capabilities that improve the productivity, quality, dissemination, and efficiency of research.	Customer Results	Timeliness and Responsiveness	Delivery Time	Deploy a system that will improve response time to deliver watches and warnings to the public.	NWR: Deliver high priority messages within 60 sec. NWWWS: Deliver high priority messages within 10 sec.	NWR: Deliver high priority message within 70 sec. NWWWS: Deliver high priority message within 10 sec.	TBD
2010	2.1 Develop tools and capabilities that improve the productivity, quality, dissemination, and efficiency of research.	Mission and Business Results	Information and Technology Management	Information Management	Deploy and implement latest IT Security requirements for ~122 WFO's.	~122 non-IT Security compliant WFO's.	Total of 40 WFO's to be made IT Security compliant. ~82 remaining.	TBD
2010	2.1 Develop tools and capabilities that improve the productivity, quality, dissemination, and efficiency of research.	Processes and Activities	Management and Innovation	Innovation and Improvement	Begin deinstallation of obsolete Console Replacement Systems and transition WFO's to new centralized system.	Currently there are ~122 WFO's with obsolete Console Replacement Systems that need to be deinstalled and transitioned to new centralized system.	Total of 40 WFO's with obsolete Console Replacement Systems to be deinstalled and transitioned to new centralized system. ~82 remaining.	TBD
2010	2.1 Develop tools and capabilities that improve the productivity, quality, dissemination, and efficiency of research.	Technology	Efficiency	Technology Improvement	Deploy a system with emergency override capability to one transmitter, multiple transmitters, or all transmitters for ~122 WFO's.	Capability currently does not exist.	Total of 40 WFO's will have emergency override capability installed. ~82 remaining.	TBD

Section E: Security and Privacy (IT Capital Assets only)

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
WRIP (System under development).	Yes	No	No, because the system does not contain, process, or transmit personal identifying information.	No	No because the system is not a Privacy Act system of records.

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: Working links must be provided to specific documents not general privacy websites. Non-working links will be considered as a blank field.

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

In order to successfully address this area of the capital asset plan and business case, the investment must be included in the agency's EA and Capital Planning and Investment Control (CPIC) process and mapped to and supporting the FEA. The business case must demonstrate 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
 - a. If "no," please explain why?

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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. NOAA Weather Radio (NWR) All Hazards Weather Network (NAHWN) aka Haz Collect and NOAA Weather Wire Service (NWWS).

b. If "no," please explain why?

3. Is this investment identified in a completed and approved segment architecture? No

a. If "yes," provide the six digit code corresponding to the agency segment architecture. The segment architecture codes are maintained by the agency Chief Architect. For detailed guidance regarding segment architecture codes, please refer to <http://www.egov.gov>. 275-000

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 Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
WW-LFW-DIS	The centralized WRIP system will provide an archiving feature on a Storage Area Network (SAN). Previously broadcasted messages can be stored on this device for future access.	Back Office Services	Data Management	Loading and Archiving			No Reuse	5
WW-LFW-DIS	NWR and NWWS provide watches and warnings to the public in support of the National Weather services mission to protect life and property. NWR broadcasts warnings, watches, forecasts and other hazard information 24 hours a day covering all 50 states, adjacent coastal waters, Puerto Rico, the U.S. Virgin Islands, and the U.S. Pacific Territories.	Customer Services	Customer Preferences	Alerts and Notifications	Alerts and Notifications	006-48-01-12-01-3101-00	Internal	75
WW-LFW-DIS	The NWWS, which is part of the WRIP, provides subscriptions to state and local agencies, as well as public citizens. Currently this service is the National Weather Service's fastest method of disseminating watches and warnings. Subscribers receive alerts in less than 10 seconds.	Customer Services	Customer Preferences	Subscriptions			No Reuse	15
WW-LFW-DIS	NWR is a	Support Services	Communication	Computer /	Enterprise	006-48-02-00-	Internal	5

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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 Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
	nationwide network of over 950 VHF radio stations broadcasting continuous weather information directly from a nearby National Weather Service Office. Broadcasts are provided as a public service to more than 97% of the US population.			Telephony Integration	Application Integration	01-0000-00		

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 the 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)
Computer / Telephony Integration	Service Access and Delivery	Access Channels	Collaboration / Communications	NOAANet
Computer / Telephony Integration	Service Interface and Integration	Integration	Enterprise Application Integration	Integrate WRIP with NWS Telecommunications Gateway
Computer / Telephony Integration	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	Firewall
Computer / Telephony Integration	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Enterprise Server
Computer / Telephony Integration	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	Change Management

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., USA.gov, Pay.Gov, etc)?

No

a. If "yes," please describe.

Exhibit 300: Part II: Planning, Acquisition and Performance Information

Section A: Alternatives Analysis (All Capital Assets)

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.

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 project? Yes
 - a. If "yes," provide the date the analysis was completed? 10/25/2005
 - b. If "no," what is the anticipated date this analysis will be completed?
 - c. If no analysis is planned, please briefly explain why:

3. Which alternative was selected by the Agency's Executive/Investment Committee and why was it chosen?

Alternative 1 is selected. This approach has the advantage of achieving the WRIP goals in a phased approach, and in accordance with budget availability.

- Consolidating NWR and NWS networks into a single, satellite-based network is the most cost-effective way to meet the full scope and requirements of the WRIP.
- Limits technical and programmatic risks by utilizing COTS-based technology and solutions.
- This solution will easily integrate with existing and future NWS and NOAA systems.
- This solution will allow the NWS to enhance partnerships with other government (federal, state, and local) agencies, by providing a standards-based interface to the NWR and NWS systems for disseminating non-weather emergency messages.
- Reducing the warning dissemination delay time can bring economic benefits to the nation e.g., a one minute increase in tornado warning lead times is estimated to save the economy between \$5 and \$20 million per year because of saved lives alone.

a. What year will the investment breakeven? (Specifically, Beyond 2021
when the budgeted costs savings exceed the cumulative costs.)

4. What specific qualitative benefits will be realized?

Specifically, the selected approach, (Alternative 1):

1. Achieves CRS replacement and DHS connectivity to NWR Stations in a relatively short time period until additional funds become available for remaining upgrades.
2. Allows for a gradual transition of NWR Stations to new telecommunications facilities; sites with the most significant quality/reliability issues can be transitioned in the early stages. Sites with more robust communications can be transitioned at a later date.
3. Provides several options for NWR Station connectivity depending on the specifics of the site; this hybrid approach minimizes the risks associated with a one-size-fits-all approach.
4. Leverages existing and planned NOAA telecommunications infrastructure, namely NOAANet and potentially the SBN, to provide a cost-effective and scalable solution.
5. Provides a consolidated dissemination architecture which can be leveraged for further merging of dissemination systems.

5. Federal Quantitative Benefits				
What specific quantitative benefits will be realized (using current dollars) Use the results of your alternatives analysis to complete the following table:				
	Budgeted Cost Savings	Cost Avoidance	Justification for Budgeted Cost Savings	Justification for Budgeted Cost Avoidance
PY - 1 2007 & Prior	0	0		
PY 2008	0	0		
CY 2009	0	0		
BY 2010	0	3	\$2M saved by the consolidation of NWS.	Deployment of WRIP begins. NWS transitions to new system and a subset of NWR transmitters come on line.

6. Will the selected alternative replace a legacy system in-part No
or in-whole?

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?

b. If "yes," please provide the following information:

5b. List of Legacy Investment or Systems		
Name of the Legacy Investment of Systems	UPI if available	Date of the System Retirement

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
 - a. If "yes," what is the date of the plan? 7/19/2007
 - b. Has the Risk Management Plan been significantly changed since last year's submission to OMB? No
 - c. If "yes," describe any significant changes:

- 2. If there currently is no plan, will a plan be developed?
 - a. If "yes," what is the planned completion date?
 - 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:

To mitigate investment risks, the life cycle cost estimate is based on the use of Commercial-Off-the Shelf (COTS) hardware which is readily available through numerous commercial sources. Using certifiable COTS products outsources areas of expertise to vendors that support multiple manufacturers, bringing domain-specific expertise to the problem at hand. This helps reduce cost by using software whose core development and certification cost can be amortized across multiple customers, and it reduces risk by using products available today, rather than undertaking new hardware or software development and certification tasks.

To aid in the investment schedule the functional requirements for new software development are well understood and well documented.

The initial contract for WRIP is a Firm Fixed Price type. This further reduces investment risks for the government and places upon the contractor maximum risk and full responsibility for all costs and resulting profit or loss.

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
- 2. Is the CV% or SV% greater than +/- 10%? (CV%= CV/EV x 100; SV%= SV/PV x 100) No
 - a. If "yes," was it the CV or SV or both?
 - b. If "yes," explain the causes of the variance:
 - c. If "yes," describe the corrective actions:
- 3. Has the investment re-baselined during the past fiscal year? No
 - a. If "yes," when was it approved by the agency head?

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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.

Milestone Number	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)		Total Cost (\$M)		Schedule (# days)	Cost (\$M)	
				Planned	Actual	Planned	Actual			
1	WRIP Detailed Design and Prototype DHS Funds	10/31/2008	\$2.000000	10/31/2008		\$2.000000	\$2.000000		-\$2.000000	0%
1	WRIP Detailed Design and Prototype NWS Funds	10/31/2008	\$2.100000	10/31/2008		\$2.100000	\$0.200000		-\$0.200000	0%
2	WRIP Phase 2 Procurement	9/30/2009	\$0.450000	9/30/2009		\$0.450000	\$0.450000		-\$0.450000	0%
3	BMS and NWS Development; Complete Phase 1 of Communications Network.	9/30/2010	\$6.906000	9/30/2010		\$6.906000				0%