

Exhibit 300: Capital Asset Summary

Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview & Summary Information

Date Investment First Submitted: 2010-03-22
Date of Last Change to Activities: 2012-06-22
Investment Auto Submission Date: 2012-02-27
Date of Last Investment Detail Update: 2011-10-31
Date of Last Exhibit 300A Update: 2012-08-14
Date of Last Revision: 2012-08-14

Agency: 010 - Department of the Interior **Bureau:** 00 - Agency-Wide Activity

Investment Part Code: 01

Investment Category: 00 - Agency Investments

1. Name of this Investment: DOI - Integrated Reporting of Wildland-Fire Information (iRWIn)

2. Unique Investment Identifier (UII): 010-000000363

Section B: Investment Detail

- 1. Provide a brief summary of the investment, including a brief description of the related benefit to the mission delivery and management support areas, and the primary beneficiary(ies) of the investment. Include an explanation of any dependencies between this investment and other investments.**

iRWIn will provide a progressive and modular implementation of an end-to-end interagency wildland fire reporting capability that includes integrated and coordinated processes for collecting, reporting, and updating relevant and timely wildland fire information. Federal agencies that have management and administrative responsibility for large areas of federal land also have the legal authority to protect those lands from the adverse effects of wildfire. Wildland fires are hazardous events that threaten the safety of the general public as well as agency personnel. Wildland fires often move across or take place in multiple emergency response jurisdictions (e.g., BLM, National Park Service, Forest Service, States, Counties, Municipalities), creating a formidable challenge to coordinating the management of a wildland fire. As well, characterizing the entire fire event lifecycle in a historical context. iRWIn will reduce multiple instances of redundant data entry across wildland fire information systems. Moreover, iRWIn will promote consistency in providing updated fire data across information systems that produce or contain data related to wildland fire. iRWIn will also promote a consistent and repeatable process to gather information that describe wildland fires. This information will provide agency personnel with a consolidated view of wildland fire data, including the important context of source of the data, the timeliness of the data, how the data sources relate, and the statistical relevance of the information. iRWIn stakeholders will primarily benefit from a consistent, repeatable, and uniform processes (and supporting

systems) to collect current and historical information regarding wildland fire. Examples of wildland fire information includes: fire location; status of fire suppression operations; financial accounting and staffing statistics; resources deployed to support the operations (aircraft; personnel, fire engines, etc.); local condition information (such as topology, vegetation inventory, soil composition); situational analysis of the fire compiled from predictive models (e.g., WFDSS); and, current and historical weather conditions. Key Beneficiaries include: Fire Dispatch Personnel, Public Information Officers, Fire Incident Management Personnel, Budget and Finance Personnel, Planning and Research Personnel, Wildland Fire Executive Leadership.

2. How does this investment close in part or in whole any identified performance gap in support of the mission delivery and management support areas? Include an assessment of the program impact if this investment isn't fully funded.

At present a key performance gap is redundant data entry. Data associated with a wildland fire that is initially entered into a computer aided dispatch (CAD) systems by local area fire dispatch staff throughout the country, is re-entered into other agency systems during the event lifecycle of the fire, and reentered again to collate and report wildland fire statistics. This is confirmed in a 2008 interagency efficiency report identifying that an interagency dispatcher may have to enter fire location data in up to 26 different information systems to record descriptive information regarding an active wildland fire. Once information is retrieved from each system, another performance gap is the lack of capability to synchronize updated fire data in the related information systems as more accurate information becomes available. Wildland fires are managed, both operationally and strategically, at local, regional, and national levels. A current performance gap at regional and national levels is a lack of automated visibility into the deployment status of local resources (personnel, equipment, etc.). This visibility would support more proactive response as wildland fires evolve. Delays due to the current complexities in accessing wildland fire data from multiple sources places firefighting personnel at risk, due to potential delays in deploying fire resources. Additionally, accessing multiple systems presents a cost burden associated with retrieving data from multiple systems, conducting redundant data entry, and compiling information from multiple systems into a consolidated view of relevant wildland fire data. At a strategic level, aggregating wildland fire information for the purposes of conducting budget and operations management, and evaluating effectiveness of wildland fire management policy, is hampered by process of collecting wildland fire statistics and outcomes from multiple information systems. Often, certain statistical information appears to be in conflict across various data sources. This results in lower quality management decisions due to the current process for retrieving outcome data for wildland fires. Moreover, extensive cost burden is associated with the retrieval of data from multiple systems, compiling aggregate information, and resolving discrepancies in the data retrieved. If the investment is not fully funded the current performance gap will continue impairing the effectiveness of personnel responding to wildland fires.

3. Provide a list of this investment's accomplishments in the prior year (PY), including projects or useful components/project segments completed, new functionality added, or operational efficiency achieved.

1. Completed a comprehensive business case analysis and fully evaluated investment alternatives. 2. Development of project management artifacts. 3. Hire full time program

management.

4. Provide a list of planned accomplishments for current year (CY) and budget year (BY).

1. Develop RFP and Select Vendor. 2. Develop High Level Requirements. 3. Develop conceptual architecture. 4. Develop technical architecture. 5. Conduct Independent Baseline Review (IBR). 6. Complete the interface with 2 systems.

5. Provide the date of the Charter establishing the required Integrated Program Team (IPT) for this investment. An IPT must always include, but is not limited to: a qualified fully-dedicated IT program manager, a contract specialist, an information technology specialist, a security specialist and a business process owner before OMB will approve this program investment budget. IT Program Manager, Business Process Owner and Contract Specialist must be Government Employees.

2011-01-10

Section C: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.C.1 Summary of Funding

	PY-1 & Prior	PY 2011	CY 2012	BY 2013
Planning Costs:	\$0.0	\$0.9	\$0.5	\$0.0
DME (Excluding Planning) Costs:	\$0.0	\$0.3	\$2.2	\$4.5
DME (Including Planning) Govt. FTEs:	\$0.0	\$0.3	\$0.3	\$0.3
Sub-Total DME (Including Govt. FTE):	0	\$1.5	\$3.0	\$4.8
O & M Costs:	\$0.0	\$0.0	\$0.0	\$0.3
O & M Govt. FTEs:	\$0.0	\$0.0	\$0.0	\$0.0
Sub-Total O & M Costs (Including Govt. FTE):	0	0	0	\$0.3
Total Cost (Including Govt. FTE):	0	\$1.5	\$3.0	\$5.1
Total Govt. FTE costs:	0	\$0.3	\$0.3	\$0.3
# of FTE rep by costs:	0	2	2	2
Total change from prior year final President's Budget (\$)		\$0.0	\$0.0	
Total change from prior year final President's Budget (%)		0.00%	0.00%	

2. If the funding levels have changed from the FY 2012 President's Budget request for PY or CY, briefly explain those changes:

No change.

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

Table I.D.1 Contracts and Acquisition Strategy

Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value (\$M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
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NONE

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:
 This is a new investment. Earned Value will be utilized for this investment.

Exhibit 300B: Performance Measurement Report

Section A: General Information

Date of Last Change to Activities: 2012-06-22

Section B: Project Execution Data

Table II.B.1 Projects

Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)
1	Project Planning	Project planning that includes updated project plan, conduct RFP, develop high level project requirements, conceptual and technical architecture.			
2	Design and Build - Module 1	Design and build interfaces with multiple systems.			

Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

Project ID	Name	Total Cost of Project Activities (\$M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance (\$M)	Cost Variance (%)	Total Planned Cost (\$M)	Count of Activities
1	Project Planning							
2	Design and Build - Module 1							

Key Deliverables

Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
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Key Deliverables								
Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
1	Develop high level requirements	Develop high level requirements documents which will be used in the design and build phase.	2011-11-25	2012-07-31		81	-280	-345.68%
1	Develop conceptual architecture	Develop conceptual architecture to help with the desing and build phase.	2012-02-17	2012-08-31		81	-196	-241.98%
1	Develop technical architecture	Develop technical architecture to help with the design an build phase	2012-05-11	2012-09-30		81	-142	-175.31%

Section C: Operational Data

Table II.C.1 Performance Metrics

Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
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NONE