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**Department of Defense
Fiscal Year (FY) 2011 President's Budget**

February 2010



Defense Contract Management Agency

Justification Book

Research, Development, Test & Evaluation, Defense-Wide - 0400

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Defense Contract Management Agency • President's Budget FY 2011 • RDT&E Program

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Defense Contract Management Agency
 FY 2011 President's Budget
 Exhibit R-1 FY 2011 Base and Overseas Contingency Operations (OCO) Request
 (Dollars in Thousands)

Date: 21 Jan 2010

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2009 (Base & OCO)	FY 2010 Base & OCO Enacted	FY 2010 Supplemental Request	FY 2010 Total	FY 2011 Base	FY 2011 OCO	FY 2011 Total Request	Se c
121	0605013BL	Information Technology Development	05	11,569	14,444		14,444	11,937		11,937	U
		System Development and Demonstration (SDD)		11,569	14,444		14,444	11,937		11,937	
Total Defense Contract Management Agency				11,569	14,444		14,444	11,937		11,937	

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Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Defense Contract Management Agency **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013BL: <i>Information Technology Development</i>
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COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	11.569	14.444	11.937	0.000	11.937	12.247	12.567	12.819	13.075	Continuing	Continuing
01: <i>Systems Modifications and Development</i>	11.569	14.444	11.937	0.000	11.937	12.247	12.567	12.819	13.075	Continuing	Continuing

A. Mission Description and Budget Item Justification

This budget submission sustains Web-basing all new DCMA-unique software applications, and continues supporting Web Services software technology (i.e., machine-to-machine information exchanges between DCMA, DCMA’s customers in the Military Services and Defense agencies, and the Defense industry, based upon the open-standard Extensible Markup Language [XML], Simple Object Access Protocol [SOAP], and so on). There are three primary reasons why DCMA is pursuing this direction. First, Web-based applications dramatically reduce the costs associated with fielding new software mission capabilities. (Only a limited handful of central servers need to be updated rather than thousands of employees’ desktop computers.) Second, Web-basing and Web Services make DCMA’s software applications much more adaptable to the ongoing and future changes in the Department’s procurement and financial management systems that are being implemented in accordance with the Department’s Business Enterprise Architecture. Third, DCMA has found that Web-based application development is substantially less expensive than traditional client/server or mainframe-based application development. One of the reasons why Web-based development is less expensive is that Web-basing applications allows DCMA to productively adapt large amounts of open source software packages with minimal or even zero acquisition and support costs. Also, this allows Military Services to achieve their desired real-time supply chain information “Reachback” capabilities that will extend all the way onto the factory floors where parts, components, and systems are being produced. All metrics tied to the funds in this exhibit have achieved a "green" status.

FY 2009 Actual: In FY 2009(\$11.569) DCMA tested new DCMA-unique automated information application modules that will support: Defense Supply Chain “Reachback” via-the-Web capabilities; Public Key Infrastructure-enabled Web application modules; and improved (more accurate and timely) reimbursable earnings reporting. Also funding included the continued testing and improving of DCMA’s portals functionality for external and internal customers, and continued development and implementation of Web Services software technologies (e.g., Simple Object Access Protocol, Universal Discovery and Description Integration, Web Services Description Language).

FY 2010 - 2011 Plan: In FY 2010 (\$14.444) and FY 2011 (\$11.937) DCMA will continue to test new DCMA-unique automated information application modules that will support: Defense Supply Chain “Reachback” via-the-Web capabilities; Public Key Infrastructure-enabled Web application modules; and “anywhere, anytime” access for DCMA personnel worldwide. Also funding includes the continuation of testing and improving DCMA’s accessibility and functionality for external customers, and the continuation of developing and implementing Web Services software technologies (e.g., Simple Object Access Protocol, Universal Discovery and Description Integration, Web Services Description Language), and supporting the agency’s Performance Management Initiative.

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APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013BL: <i>Information Technology Development</i>
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B. Program Change Summary (\$ in Millions)

	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011 Base</u>	<u>FY 2011 OCO</u>	<u>FY 2011 Total</u>
Previous President's Budget	12.377	11.705	0.000	0.000	0.000
Current President's Budget	11.569	14.444	11.937	0.000	11.937
Total Adjustments	-0.808	2.739	11.937	0.000	11.937
• Congressional General Reductions		-0.061			
• Congressional Directed Reductions		0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds		2.800			
• Congressional Directed Transfers		0.000			
• Reprogrammings	-0.800	0.000			
• SBIR/STTR Transfer	-0.008	0.000			
• Other Budget Requirements	0.000	0.000	11.937	0.000	11.937

Change Summary Explanation

Program changes are associated with Congressional adds.

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Defense Contract Management Agency								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0605013BL: <i>Information Technology Development</i>				PROJECT 01: <i>Systems Modifications and Development</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
01: <i>Systems Modifications and Development</i>	11.569	14.444	11.937	0.000	11.937	12.247	12.567	12.819	13.075	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

This budget submission sustains Web-basing all new DCMA-unique software applications, and continues supporting Web Services software technology (i.e., machine-to-machine information exchanges between DCMA, DCMA's customers in the Military Services and Defense agencies, and the Defense industry, based upon the open-standard Extensible Markup Language [XML], Simple Object Access Protocol [SOAP], and so on). There are three primary reasons why DCMA is pursuing this direction. First, Web-based applications dramatically reduce the costs associated with fielding new software mission capabilities. (Only a limited handful of central servers need to be updated rather than thousands of employees' desktop computers.) Second, Web-basing and Web Services make DCMA's software applications much more adaptable to the ongoing and future changes in the Department's procurement and financial management systems that are being implemented in accordance with the Department's Business Enterprise Architecture. Third, DCMA has found that Web-based application development is substantially less expensive than traditional client/server or mainframe-based application development. One of the reasons why Web-based development is less expensive is that Web-basing applications allows DCMA to productively adapt large amounts of open source software packages with minimal or even zero acquisition and support costs. Also, this allows Military Services to achieve their desired real-time supply chain information "Reachback" capabilities that will extend all the way onto the factory floors where parts, components, and systems are being produced. All metrics tied to the funds in this exhibit have achieved a "green" status.

B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Software Development This budget submission sustains Web-basing all new DCMA-unique software applications, and continues supporting Web Services software technology (i.e., machine-to-machine information exchanges between DCMA, DCMA's customers in the Military Services and Defense agencies, and the Defense industry, based upon the open-standard Extensible Markup Language [XML], Simple Object Access Protocol [SOAP], and so on). There are three primary reasons why DCMA is pursuing	11.569	14.444	11.937	0.000	11.937

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Defense Contract Management Agency **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013BL: <i>Information Technology Development</i>	PROJECT 01: <i>Systems Modifications and Development</i>
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B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<p>Web Services Description Language), and supporting the agency’s Performance Management Initiative.</p> <p><i>FY 2011 Base Plans:</i> DCMA will continue to test new DCMA-unique automated information application modules that will support: Defense Supply Chain “Reachback” via-the-Web capabilities; Public Key Infrastructure-enabled Web application modules; and “anywhere, anytime” access for DCMA personnel worldwide. Also funding includes the continuation of testing and improving DCMA’s accessibility and functionality for external customers, and the continuation of developing and implementing Web Services software technologies (e.g., Simple Object Access Protocol, Universal Discovery and Description Integration, Web Services Description Language), and supporting the agency’s Performance Management Initiative.</p> <p><i>FY 2011 OCO Plans:</i> N/A</p>					
Accomplishments/Planned Programs Subtotals	11.569	14.444	11.937	0.000	11.937

C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011 Base</u>	<u>FY 2011 OCO</u>	<u>FY 2011 Total</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• 0701113BL: <i>PDW: Procurement Operations</i>	2.143	2.006	2.052	0.000	2.052	2.080	2.107	2.148	2.192	Continuing	Continuing
• 0701113 BL: <i>O&M: Procurement Operations</i>	112.000	104.866	106.979	0.000	106.979	109.269	111.552	114.038	116.433	Continuing	Continuing

D. Acquisition Strategy

Contractors are utilized to perform specialized functions such as software development and testing. A number of mini-competitions are held with Federal Supply Schedule, Government Wide Acquisition Contracts, and DCMA Basic Purchasing Agreement Vendors.

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Defense Contract Management Agency		DATE: February 2010
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E. Performance Metrics

N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Defense Contract Management Agency **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013BL: <i>Information Technology Development</i>	PROJECT 01: <i>Systems Modifications and Development</i>
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Product Development (\$ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Software Development	Various/ Various	TBD TBD	61.136	14.444		11.937		0.000		11.937	Continuing	Continuing	N/A
Subtotal			61.136	14.444		11.937		0.000		11.937			

Remarks

	Total Prior Years Cost	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	61.136	14.444		11.937	0.000			

Remarks

DCMA Information Technology covers those efforts associated with the development of DCMA-unique mission software applications. DCMA will issue several contracts to continue DCMA's development and improvement of its unique mission applications to improve its contract management workforce's productivity, efficiency, and effectiveness.

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Exhibit R-4, RDT&E Schedule Profile: PB 2011 Defense Contract Management Agency		DATE: February 2010
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	FY 2009				FY 2010				FY 2011				FY 2012				FY 2013				FY 2014				FY 2015			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Phase VI - Development	■	■	■																									
Phase VI - Testing		■	■	■																								
Phase VI - Deployment				■																								
Phase VII - Development					■	■	■																					
Phase VII - Testing						■	■	■																				
Phase VII - Deployment								■																				
Phase VIII - Development									■	■	■																	
Phase VIII - Testing										■	■	■																
Phase VIII - Deployment												■																
Phase IX - Development													■	■	■													
Phase IX - Testing														■	■	■												
Phase IX - Deployment															■													
Phase X - Development																■	■	■										
Phase X - Testing																	■	■	■									
Phase X - Deployment																		■										
Phase XI - Development																			■	■	■							
Phase XI - Testing																				■	■	■						
Phase XI - Deployment																						■						
Phase XII - Development																							■	■	■			
Phase XII - Testing																								■	■	■		

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Exhibit R-4A, RDT&E Schedule Details: PB 2011 Defense Contract Management Agency		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013BL: <i>Information Technology Development</i>	PROJECT 01: <i>Systems Modifications and Development</i>

Schedule Details

Event	Start		End	
	Quarter	Year	Quarter	Year
Phase VI - Development	1	2009	3	2009
Phase VI - Testing	2	2009	4	2009
Phase VI - Deployment	4	2009	4	2009
Phase VII - Development	1	2010	3	2010
Phase VII - Testing	2	2010	4	2010
Phase VII - Deployment	4	2010	4	2010
Phase VIII - Development	1	2011	3	2011
Phase VIII - Testing	2	2011	4	2011
Phase VIII - Deployment	4	2011	4	2011
Phase IX - Development	1	2012	3	2012
Phase IX - Testing	2	2012	4	2012
Phase IX - Deployment	4	2012	4	2012
Phase X - Development	1	2013	3	2013
Phase X - Testing	2	2013	4	2013
Phase X - Deployment	4	2013	4	2013
Phase XI - Development	1	2014	3	2014
Phase XI - Testing	2	2014	4	2014
Phase XI - Deployment	4	2014	4	2014

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Exhibit R-4A, RDT&E Schedule Details: PB 2011 Defense Contract Management Agency **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013BL: <i>Information Technology Development</i>	PROJECT 01: <i>Systems Modifications and Development</i>
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Event	Start		End	
	Quarter	Year	Quarter	Year
Phase XII - Development	1	2015	3	2015
Phase XII - Testing	2	2015	4	2015
Phase XII - Deployment	4	2015	4	2015

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