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Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Army										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development					R-1 ITEM NOMENCLATURE PE 0607141A: Logistics Automation							
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	-	0.000	0.000	3.717	-	3.717	3.717	3.717	3.717	3.717	Continuing	Continuing
DY1: Logistics Information Warehouse (LIW)	-	0.000	0.000	1.504	-	1.504	1.504	1.504	1.504	1.504	Continuing	Continuing
DY2: Lead Material Integrator (LMI) (DST)	-	0.000	0.000	2.213	-	2.213	2.213	2.213	2.213	2.213	Continuing	Continuing

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Note

Previously, these efforts were programmed and funded within the OSD PE 0303141 Global Combat Support System-Army (GCSS-A). In an effort to reflect only those funds supporting GCSS-A in that OSD PE, this OSD PE was established.

A. Mission Description and Budget Item Justification

The Logistics Information Warehouse (LIW) has been designated by the Secretary of the Army as the primary system for the accessing, acquiring, and delivery of materiel data. This includes data from all sources designated as Authoritative, as well as, system derived data and appropriate reference data. This data will be used in support of materiel sourcing and distribution and other Materiel Enterprise missions. It enables Command visibility of business intelligence and resulting metrics for critical logistics components enabling enterprise-level analytics to be performed in support of the equipping mission within the Army's Force Generation (ARFORGEN) processes. LOGSA and its LIW suite of products and services provide the Army community with vital logistics data necessary for the planning, conducting and sustainment of war fighting capability worldwide. The LMI-DST directly supports Army Force Generation (ARFORGEN) by linking available equipment to the Generated Force model. Specifically, LMI-DST synchronizes an Army authoritative Demand Signal for manning, equipping, services & infrastructure and authoritative resourcing (money) information, resulting in an accurate prediction of a ready and properly equipped force.

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APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE			
2040: Research, Development, Test & Evaluation, Army		PE 0607141A: Logistics Automation			
BA 7: Operational Systems Development					
B. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	3.717	-	3.717
Total Adjustments	0.000	0.000	3.717	-	3.717
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	3.717	-	3.717

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Army									DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development					R-1 ITEM NOMENCLATURE PE 0607141A: Logistics Automation				PROJECT DY1: Logistics Information Warehouse (LIW)			
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
DY1: Logistics Information Warehouse (LIW)	-	0.000	0.000	1.504	-	1.504	1.504	1.504	1.504	1.504	Continuing	Continuing
Quantity of RDT&E Articles												
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Note Not Applicable.												
A. Mission Description and Budget Item Justification The Logistics Information Warehouse (LIW) is designated as the Army's authoritative materiel data repository. BENEFITS: As chartered by the Secretary of The Army, LIW will provide enterprise-accepted and trusted information for analysis, aggregation, and reuse in support of the Lead Materiel Integrator (LMI) mission. As an Army enterprise-level repository and retrieval system to facilitate accurate choices and rapid decision making. Specifically, LIW will provide all required data structured in a way that allows for querying and reporting; e.g., equipment authorizations, equipment on-hand, new procurement schedules, RESET production schedules and in-transit visibility from origin and distribution to final destination, in support of the information needs of the Army Materiel Command (AMC) and other command logistics managers. This includes data from all sources designated as authoritative, as well as system derived data and appropriate reference data. This data will be used in support of materiel sourcing and distribution and other Materiel Enterprise missions. LIW enables visibility of business intelligence and resulting metrics for critical logistics components enabling enterprise-level analytics to be performed in support of the equipping mission within the Army's ARFORGEN processes. LIW supports the tenants of Mission Command by logistically empowering the Commander to successfully integrate and synchronize logistics information with warfighter functions in time and space to maximize potential for mission success.ADDITIONAL CAPABILITIES: LIW provides the data and custom business intelligence environment to enable Command-specific analysis and presentation of business intelligence displays to satisfy unique command management requirements.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2012	FY 2013	FY 2014	
Title: LIW									0.000	0.000	1.504	
Description: Execution of tasks to create Army Logistics Repository.												
FY 2014 Plans: Execute Priority Group 3 Sprint, continue Best of Breed.												
Accomplishments/Planned Programs Subtotals									0.000	0.000	1.504	
C. Other Program Funding Summary (\$ in Millions) N/A												

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Army		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0607141A: <i>Logistics Automation</i>	PROJECT DY1: <i>Logistics Information Warehouse (LIW)</i>
C. Other Program Funding Summary (\$ in Millions)		
Remarks		
D. Acquisition Strategy Utilize contract services available through LITES contract vehicle in CHESS.		
E. Performance Metrics Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Army												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 7: <i>Operational Systems Development</i>							R-1 ITEM NOMENCLATURE PE 0607141A: <i>Logistics Automation</i>				PROJECT DY1: <i>Logistics Information Warehouse (LIW)</i>				

Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Priority Group 3 Sprint, continue Best of Breed	TBD	TBD - Recompete:Huntsville, AL	0.000	-		-		1.504	Sep 2013	-		1.504	0.000	1.504	0.000
Subtotal			0.000	0.000		0.000		1.504		0.000		1.504	0.000	1.504	0.000

	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	0.000	0.000	1.504	0.000	1.504	0.000	1.504	0.000

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2014 Army						DATE: April 2013					
APPROPRIATION/BUDGET ACTIVITY						R-1 ITEM NOMENCLATURE					
2040: Research, Development, Test & Evaluation, Army						PE 0607141A: Logistics Automation					
BA 7: Operational Systems Development						PROJECT					
						DY1: Logistics Information Warehouse (LIW)					

	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
	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
Priority Group 3 Sprint, Best of Breed																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2014 Army		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0607141A: <i>Logistics Automation</i>	PROJECT DY1: <i>Logistics Information Warehouse (LIW)</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Priority Group 3 Sprint, Best of Breed	1	2014	4	2014

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Army										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development					R-1 ITEM NOMENCLATURE PE 0607141A: Logistics Automation				PROJECT DY2: Lead Material Integrator (LMI) (DST)			
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
DY2: Lead Material Integrator (LMI) (DST)	-	0.000	0.000	2.213	-	2.213	2.213	2.213	2.213	2.213	Continuing	Continuing
Quantity of RDT&E Articles												
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Note Not Applicable.												
A. Mission Description and Budget Item Justification The Lead Materiel Integrator Decision Support Tool (LMI DST) is a software solution, resident within the Logistics Information Warehouse, that supports the Army Materiel Command in its mission as the Army Lead Materiel Integrator as well as materiel managers at Army Commands, Army Service Component Commands, Direct Reporting Units, Corps and Divisions with making informed equipping decisions. The LMI DST directly supports Army Forces Generation (ARFORGEN) by linking available equipment to the Generated Force model. Specifically, development will synchronize an Army authoritative Demand Signal with equipping information for accurate prediction of a ready and properly equipped force. FY 2014 Base funding supports development of LMI DST Version 5, as codified in the Army Materiel Command Requirements document.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2012	FY 2013	FY 2014	
Title: LMI/DST									0.000	0.000	2.213	
Description: The Lead Materiel Integrator Decision Support Tool (LMI DST) is a software solution, resident within the Logistics Information Warehouse.												
FY 2014 Plans: Development of LMI DST Version 5.												
Accomplishments/Planned Programs Subtotals									0.000	0.000	2.213	
C. Other Program Funding Summary (\$ in Millions) N/A												
Remarks												

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APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0607141A: <i>Logistics Automation</i>	PROJECT DY2: <i>Lead Material Integrator (LMI) (DST)</i>
D. Acquisition Strategy <p>The LMI DST is a development effort to meet the Secretary of the Army's intent in designating the Army Materiel Command as the Lead Materiel Integrator and the Logistics Information Warehouse (LIW) as the authoritative repository of Army logistics domain data. The LMI DST integrates logistics domain data from the LIW with materiel demand requirements from the Readiness Enterprise to enable automated decision support for equippers throughout the Army. In August 2011, a sole-source contract was awarded to ProModel Corporation to leverage their COTS modeling and simulation capability, the ProModel Application Framework to develop the Lead Materiel Integrator Decision Support Tool, which is a GOTS product. This is an agile development process, where major versions are released on a six-month cycle. Version 1 was released December 2011 and Version 2 released June 2012. Version 2 is currently in production and in use by the Army Sustainment Command, with user training underway for Army Commands and other materiel stakeholders. The first option year was awarded August 2012, and development of Version 3 is underway. FY2014 base year funding supports Version 5.</p>		
E. Performance Metrics <p>Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.</p>		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Army													DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 7: <i>Operational Systems Development</i>							R-1 ITEM NOMENCLATURE PE 0607141A: <i>Logistics Automation</i>				PROJECT DY2: <i>Lead Material Integrator (LMI) (DST)</i>				

Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Development of LMI DST Version 5	TBD	Pro Model Corporation:Huntsville, AL	0.000	-		-		2.213	Aug 2013	-		2.213	0.000	2.213	0.000
Subtotal			0.000	0.000		0.000		2.213		0.000		2.213	0.000	2.213	0.000

	All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	0.000		0.000		2.213		0.000		2.213	0.000	2.213	0.000

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2040: Research, Development, Test & Evaluation, Army			PE 0607141A: Logistics Automation		
BA 7: Operational Systems Development			PROJECT		
			DY2: Lead Material Integrator (LMI) (DST)		

	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
	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
Development of LMI DST Version 5																												

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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Development of LMI DST Version 5	4	2012	4	2014