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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Army										Date: March 2014		
Appropriation/Budget Activity 2040: Research, Development, Test & Evaluation, Army / BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0607141A / Logistics Automation							
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	-	-	3.715	3.654	-	3.654	3.661	3.665	3.667	3.672	Continuing	Continuing
DY1: Logistics Information Warehouse (LIW)	-	-	1.504	1.478	-	1.478	1.480	1.483	1.484	1.486	Continuing	Continuing
DY2: Lead Material Integrator (LMI) (DST)	-	-	2.211	2.176	-	2.176	2.181	2.182	2.183	2.186	Continuing	Continuing

The FY 2015 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 beginning in FY 2014.

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 Program Element (Number/Name)			
2040: Research, Development, Test & Evaluation, Army / BA 7: Operational Systems Development		PE 0607141A / Logistics Automation			
B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	-	3.717	3.717	-	3.717
Current President's Budget	-	3.715	3.654	-	3.654
Total Adjustments	-	-0.002	-0.063	-	-0.063
• Congressional General Reductions	-	-0.002			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments 1	-	-	-0.063	-	-0.063

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Army										Date: March 2014		
Appropriation/Budget Activity 2040 / 7					R-1 Program Element (Number/Name) PE 0607141A / Logistics Automation				Project (Number/Name) DY1 / Logistics Information Warehouse (LIW)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
DY1: Logistics Information Warehouse (LIW)	-	-	1.504	1.478	-	1.478	1.480	1.483	1.484	1.486	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 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. The Common CBM Data Warehouse (CCBMDW) is requesting RDT&E funds to develop a web interface that will allow users from RDECOM, the LCMC's, and the PEO's/PM to query, select, retrieve individual sensor files from the data base and designate a delivery mechanism (SFTP, HTTPS, Data service) in order that they can receive the selected files. This is a new capability that will replace the current manual method where an analyst calls LOGSA and request a data extract from the CCBMDW be sent to their location via pre-arranged methods. The new Web Interface will also serve as a platform to enable the user to extract individual data fields from the sensor files that are stored in the CCBMDW in the Army Bulk CBM Data (ABCD) format and download the individual data fields as opposed to the whole file or bundle of files.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2013	FY 2014	FY 2015	
Title: LIW									-	1.504	1.478	
Articles:									-	-	-	
Description: Execution of tasks to create Army Logistics Repository.												

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014	
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0607141A / <i>Logistics Automation</i>	Project (Number/Name) DY1 / <i>Logistics Information Warehouse (LIW)</i>	
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2013	FY 2014
<i>FY 2014 Plans:</i> Execute Priority Group 3 Sprint, continue Best of Breed.			
<i>FY 2015 Plans:</i> Execute Priority Group 3 Sprint, continue Best of Breed.			
Accomplishments/Planned Programs Subtotals		-	1.504
C. Other Program Funding Summary (\$ in Millions) N/A			
Remarks			
D. Acquisition Strategy Utilize contract services available through LITES contract vehicle in CHESS.			
E. Performance Metrics N/A			

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army												Date: March 2014			
Appropriation/Budget Activity 2040 / 7						R-1 Program Element (Number/Name) PE 0607141A / Logistics Automation				Project (Number/Name) DY1 / Logistics Information Warehouse (LIW)					
Product Development (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	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		1.478		-		1.478	Continuing	Continuing	Continuing
Subtotal			0.000	-		1.504		1.478		-		1.478	-	-	-
			Prior Years	FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			0.000	-		1.504		1.478		-		1.478	-	-	-
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Army			Date: March 2014		
Appropriation/Budget Activity 2040 / 7			R-1 Program Element (Number/Name) PE 0607141A / Logistics Automation		
			Project (Number/Name) DY1 / Logistics Information Warehouse (LIW)		

	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	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 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0607141A / <i>Logistics Automation</i>	Project (Number/Name) DY1 / <i>Logistics Information Warehouse (LIW)</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Priority Group 3 Sprint, Best of Breed	4	2014	4	2015

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Army										Date: March 2014		
Appropriation/Budget Activity 2040 / 7					R-1 Program Element (Number/Name) PE 0607141A / Logistics Automation				Project (Number/Name) DY2 / Lead Material Integrator (LMI) (DST)			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
DY2: Lead Material Integrator (LMI) (DST)	-	-	2.211	2.176	-	2.176	2.181	2.182	2.183	2.186	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 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. Capabilities to develop include: Dept. of the Army level equipment Divestiture Planner; Cross-Army Command Redistribution Candidate list (Readiness at Best Value to Army); Sandbox Course of Action Capability to enable users to analyze impact of potential Force and Authorization changes on equipment distribution; Equipment Modernization Level Reports to enable sourcing of the most modern equipment and divestiture of obsolete items; Readiness Cost Banding; Batch Move Planning; Synchronizing equipment moves to leverage the most cost effective transportation modes.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2013	FY 2014	FY 2015	
Title: LMI/DST Articles: 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. FY 2015 Plans: Development of LMI DST Version 5.									-	2.211	2.176	
									-	-	-	
Accomplishments/Planned Programs Subtotals									-	2.211	2.176	
C. Other Program Funding Summary (\$ in Millions) N/A												
Remarks												

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0607141A / <i>Logistics Automation</i>	Project (Number/Name) DY2 / <i>Lead Material Integrator (LMI) (DST)</i>
<u>D. Acquisition Strategy</u> The LMI DST Version 5 is a development effort to meet the Secretary of the Army intent in designating the Army Materiel Command as the Lead Materiel Integrator and the Logistics Information Warehouse (LIW) as the authoritative repository of 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 Pro Model 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. Versions 1-3 were developed and released in six-month sprints under Pro Model. In January, 2013, the effort was moved under LOGSA's Information and Technology Services Contract, under which the latest version (V4) was released in June 2013. Requirements for additional major version releases are vetted and approved by a General Officer Steering Committee, comprised of representatives from ACOMs, ASCCs, and DRUs, and chaired by AMC HQ. Base year funding supports new development requirements approved by the GOSC. <u>E. Performance Metrics</u> N/A		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army												Date: March 2014			
Appropriation/Budget Activity 2040 / 7						R-1 Program Element (Number/Name) PE 0607141A / Logistics Automation				Project (Number/Name) DY2 / Lead Material Integrator (LMI) (DST)					
Product Development (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	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	C/T&M	IBM IT CONTRACT SERVICES : Huntsville, AL	0.000	-		2.211		2.176		-		2.176	-	4.387	-
Subtotal			0.000	-		2.211		2.176		-		2.176	-	4.387	-
			Prior Years	FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			0.000	-		2.211		2.176		-		2.176	-	4.387	-
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Army										Date: March 2014			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
2040 / 7					PE 0607141A / Logistics Automation					DY2 / Lead Material Integrator (LMI) (DST)			

	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	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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Exhibit R-4A, RDT&E Schedule Details: PB 2015 Army			Date: March 2014
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0607141A / Logistics Automation	Project (Number/Name) DY2 / Lead Material Integrator (LMI) (DST)	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Development of LMI DST Version 5	4	2014	4	2015