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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2023 Air Force **Date:** April 2022

<b>Appropriation/Budget Activity</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force I BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0708611F / <i>Support Systems Development</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	-	10.318	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.318
675042: <i>Log Application Logistics Integration (LALI)</i>	-	10.318	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.318
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-	-	-

**A. Mission Description and Budget Item Justification**

Logistics, Installations and Mission Support - Enterprise View (LIMS-EV) is the A4 reporting and analytics gateway providing a single "source of truth" via aggregated logistics data from numerous authoritative logistics systems using a wide range of analytic tools from streamlined, comprehensive dashboards to intricate, tailored ADHOC reporting for multiple logistics mission areas including weapon systems, engines, support equipment, financials, maintenance, repair network, vehicles, and mobile. LIMS-EV delivers 20+ Business Intelligence capabilities to various logistics business areas by integrating data from 70+ systems with world-wide access by 33K + users including decision makers at all AF levels (Flight, Squadron, Group, Wing, MAJCOM, COCOM).

In FY 2022, Project 675042, Log Application Logistics Integration (LALI) development was completed.

The LIMS-EV modernization included federating/integrating LIMS-EV with the A4 enterprise Basing and Logistics Analytics Data Environment (BLADE), which allowed expansion of LOGCOP capability using LIMS-EV data. Additionally, refactoring LIMS-EV using enterprise technical solutions increased scalability and portability of LIMS-EV views by reducing reliance on legacy software applications which required separate licensing which increased cost and limited portability. Asset Lifecycle Management Automation, Improved Supply Chain Visibility and End-to-End Maintenance Lifecycle Management delivered eight new capabilities, which modernized six views improving usability for a targeted 80% of current LIMS-EV users.

No Budget Year FY23 funding requested.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY22 00.000M was expended for civilian pay expenses in this program element, and in FY23 00.000M is forecasted for civilian pay expenses in this program element.

This requirement supports performance of a full financial audit as required by title 10 U.S.C. Chapter 9A, Sec 240-D.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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<b>B. Program Change Summary (\$ in Millions)</b>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023 Base</u>	<u>FY 2023 OCO</u>	<u>FY 2023 Total</u>
Previous President's Budget	11.816	0.000	0.000	0.000	0.000
Current President's Budget	10.318	0.000	0.000	0.000	0.000
Total Adjustments	-1.498	0.000	0.000	0.000	0.000
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	-1.065	0.000			
• SBIR/STTR Transfer	-0.433	0.000			
• Other Adjustments	0.000	0.000	0.000	0.000	0.000

**Change Summary Explanation**

The FY 2021 funding was decreased to accommodate other AF requirements.

The FY 2022 President's Budget submittal did not reflect FY 2023 through FY 2026 funding. Therefore, an explanation of the change between the two budget positions for FY2023 cannot be made in a relevant manner.

<b>C. Accomplishments/Planned Programs (\$ in Millions)</b>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023 Base</u>	<u>FY 2023 OCO</u>	<u>FY 2023 Total</u>
<b>Title:</b> LIMS-EV Version 3.0 Product Development	10.318	0.000	0.000	0.000	0.000
<b>Description:</b> Expanded, Scalable, Portable, Enterprise Logistics Data Accessibility					
<b>FY 2022 Plans:</b> Program transitioning to sustainment activities					
<b>FY 2023 Base Plans:</b> N/A					
<b>FY 2023 OCO Plans:</b> N/A					
<b>Accomplishments/Planned Programs Subtotals</b>	10.318	0.000	0.000	0.000	0.000

**D. Other Program Funding Summary (\$ in Millions)**

N/A

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**D. Other Program Funding Summary (\$ in Millions)**

**Remarks**

LIMS-EV Version 3.0 program is nearing completion of all development activities and beginning use of O&M funding in FY 2022.

**E. Acquisition Strategy**

LIMS-EV will utilize services provided by the Air Force Cloud One Government Cloud Framework. AFLCMC/HNII Data Services Program Management Office (PMO), as LIMS-EV Program Manager, is responsible to competitively acquire additional LIMS-EV capabilities using a variety of fixed price, labor hour, time and material, and cost plus contracts within the Cloud One Framework.



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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2023 Air Force		<b>Date:</b> April 2022
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0708611F / <i>Support Systems Development</i>	<b>Project (Number/Name)</b> 675042 / <i>Log Application Logistics Integration (LALI)</i>

FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
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

<b>Support Systems Developments PE 0708611F</b>	
LIMS-EV Version 3.0	
LIMS-EV alignment with A4 enterprise data environment (BLADE)	
LIMS-EV native cloud solution integration	
Asset Lifecycle Management Automation	
Improved Supply Chain Visibility	
Machine Learning Integration	
End-to-End Maintenance Lifecycle Management	

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2023 Air Force		<b>Date:</b> April 2022
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Support Systems Developments PE 0708611F</i></b>				
LIMS-EV Version 3.0	1	2021	4	2021
LIMS-EV alignment with A4 enterprise data environment (BLADE)	1	2021	4	2021
LIMS-EV native cloud solution integration	2	2021	4	2021
Asset Lifecycle Management Automation	2	2021	4	2021
Improved Supply Chain Visibility	1	2021	4	2021
Machine Learning Integration	2	2021	4	2021
End-to-End Maintenance Lifecycle Management	1	2021	4	2021