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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 4: Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0604668F / <i>Joint Transportation Management System (JTMS)</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	-	0.000	0.000	51.758	0.000	51.758	0.000	0.000	0.000	0.000	0.000	51.758
646682: <i>JTMS DEVELOPMENT</i>	-	0.000	0.000	51.758	0.000	51.758	0.000	0.000	0.000	0.000	0.000	51.758
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-	-	-

**Note**

This program, BA 4, PE 0604668F, project 646682, Joint Transportation Management System Acquisition/Development, is a new start.

In FY 2022, PE 0604776F, (Deployment & Distribution R&D), Project 640212, (C2/Optimization/Modeling and Simulation) efforts were transferred to PE 0604668F, (Joint Transportation Management System (JTMS) Development), Project 646682 in order to provide transparency.

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

This initiative provides an overarching solution to reform functional financial and logistics capabilities within the Transportation of Things and is aimed at the third pillar of the 2018 National Defense Strategy—business reform. The program will deliver integrated, streamlined transportation and financial data and processes, supporting the Joint Deployment and Distribution Enterprise (JDDE). Services and DoD agencies will have a system to automate the linkage between transportation action tasks and transportation business related tasks across the full spectrum of financial activity, from obligations through general ledger accounting. It will also close all major gaps that prevent auditability within the transportation spend across DoD and achieve significant gains in two of the focus areas of the Department of Defense's Data Strategy: Senior Leader Decision Support and Business Analytics. Through the TMS's ability to seamlessly integrate financial data and information with transportation operations in the joint domain, it will give JDDE users the ability to see to the transactional level in a resilient transportation network while reducing duplicate capabilities.

The remainder of the FYDP funding will be pursued through the FY24-FY28 POM.

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 FY2021 \$0 was expended for civilian pay expenses in this program element, and in FY2022 \$0 is forecasted for civilian pay expenses in this program element.

This effort is in Budget Activity 4, Advanced Component Development and Prototypes (ACD&P), because efforts are necessary to evaluate integrated technologies, representative modes or prototype systems in a high fidelity and realistic operating environment.

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<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>
Previous President's Budget	0.000	0.000	0.000	0.000	0.000
Current President's Budget	0.000	0.000	51.758	0.000	51.758
Total Adjustments	0.000	0.000	51.758	0.000	51.758
• 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	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	51.758	0.000	51.758

**Change Summary Explanation**

In FY22, 15.5M was placed in PE0604776F (Deployment & Distribution R&D) until a separate PE could be established. This submission includes 51.758M in support of unchanged FY23 requirements. The remainder of the FYDP funding will be pursued through the FY24-FY28 POM.

<b>C. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>
<b>Title:</b> Joint Transportation Management System Acquisition/Development	0.000	0.000	51.758	0.000	51.758
<b>Description:</b> Engage in key pre-acquisition activities to support a projected FY23 prime integrator award including but not limited to drafting or executing key management plans and the programmatic activities required to inform the acquisition such as Project Management, Configuration Management, Risk Management, Release Management, Testing, and Training. Solution analysis and recommendations to the Functional Sponsor as a result of a planned analysis of alternatives will be completed early in FY23 to support the projected prime integrator award. If required in FY23, procure and establish the appropriate hosting environment lead time away to support the chosen materiel solution and initiate accreditation activities per the required Risk Management Framework (RMF) classification.					
<b>FY 2022 Plans:</b> N/A					
<b>FY 2023 Base Plans:</b> Engage in pre-acquisition activities including standing up the JPO and conducting the lead time away work required with respect to business process re-engineering and organizational change management necessary to					

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<b>Appropriation/Budget Activity</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force I BA 4: Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0604668F <i>I Joint Transportation Management System (JTMS)</i>
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<b>C. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
build the groundwork for the recommended solution pending analysis of alternatives results. Engage in market research and other pre-solicitation activities necessary to support a prime award in 3rd quarter FY23.  <b>FY 2023 OCO Plans:</b> N/A  <b>FY 2022 to FY 2023 Increase/Decrease Statement:</b> N/A					
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	0.000	51.758	0.000	51.758

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

N/A

**Remarks**

**E. Acquisition Strategy**

Follow the DoD Instruction 5000.75 process for Business Systems Requirements and Acquisition. The program will utilize various contracts (where appropriate) to reform financial and transportation processes within the Transportation of Things.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Air Force** **Date:** April 2022

<b>Appropriation/Budget Activity</b> 3600 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604668F / Joint Transportation Management System (JTMS)	<b>Project (Number/Name)</b> 646682 / JTMS DEVELOPMENT
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<b>Product Development (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Joint Transportation System Acquisition/Development	C/TBD	TBD : Scott AFB, IL	-	-		-		24.334	Apr 2023	-		24.334	Continuing	Continuing	24.334
<b>Subtotal</b>			-	-		-		24.334		-		24.334	Continuing	Continuing	N/A

<b>Support (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Pre Acquisition Support	C/Various	TBD : Scott AFB, IL	-	-		-		6.460		-		6.460	Continuing	Continuing	6.460
<b>Subtotal</b>			-	-		-		6.460		-		6.460	Continuing	Continuing	N/A

<b>Management Services (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Joint Program Office Support	C/Various	TBD : Scott AFB, IL	-	-		-		20.964	Oct 2022	-		20.964	Continuing	Continuing	20.964
<b>Subtotal</b>			-	-		-		20.964		-		20.964	Continuing	Continuing	N/A

			Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>			-	-	-	51.758	-	51.758	Continuing	Continuing	N/A

**Remarks**

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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 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604668F / <i>Joint Transportation Management System (JTMS)</i>	<b>Project (Number/Name)</b> 646682 / <i>JTMS DEVELOPMENT</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><i>Pre-Acquisition</i></b>																												
Pre-Acquisition Activities																												
<b><i>Program Acquisition</i></b>																												
JTMS Development																												

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2023 Air Force		<b>Date:</b> April 2022
<b>Appropriation/Budget Activity</b> 3600 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604668F / <i>Joint Transportation Management System (JTMS)</i>	<b>Project (Number/Name)</b> 646682 / <i>JTMS DEVELOPMENT</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Pre-Acquisition</i></b>				
Pre-Acquisition Activities	1	2023	4	2023
<b><i>Program Acquisition</i></b>				
JTMS Development	3	2023	4	2023