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

<b>Appropriation/Budget Activity</b> 2040: <i>Research, Development, Test &amp; Evaluation, Army / BA 5: System Development &amp; Demonstration (SDD)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0605224A / <i>Multi-Domain Intelligence</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	-	-	9.313	19.911	-	19.911	41.870	39.467	40.176	40.567	0.000	191.304
CK4: <i>Intelligence Apps and Integration (MIP)</i>	-	-	9.313	19.911	-	19.911	41.870	39.467	40.176	40.567	0.000	191.304

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

The Intelligence Applications and Integration (Intel Apps) Program is a software-centric ACAT III Program that will provide the Next Generation intelligence capabilities aligned to the National Defense Strategy and Multi-Domain Operations by enabling intelligence professionals to work through the intelligence cycle with increased speed, precision and accuracy. The Intel Apps Program will synchronize applications (including All Source, Information Collection, Weather effects, and Intelligence Support to Targeting) to be integrated into the Command Post Computing Environment (CPCE) architecture thus eliminating redundant, stove-piped, and resource-intensive applications. The Intel Apps program will also support the modernization of Geospatial capabilities currently being used in the Army by purchasing the latest and most effective hardware and software available. The emphasis for adding these and all future Intel Apps capabilities to the Army will be by leveraging commercial items to the maximum extent possible. The Army will leverage proven technology as a means of providing capabilities in the fastest and most efficient means possible.

The FY23 base dollars in the amount of \$19.911 million will focus on the development of Information Collection and Weather Operational Effects applications as well as the testing of the All Source and Intelligence Support to Targeting applications.

<b><u>B. Program Change Summary (\$ in Millions)</u></b>	<b><u>FY 2021</u></b>	<b><u>FY 2022</u></b>	<b><u>FY 2023 Base</u></b>	<b><u>FY 2023 OCO</u></b>	<b><u>FY 2023 Total</u></b>
Previous President's Budget	0.000	9.313	0.000	-	0.000
Current President's Budget	0.000	9.313	19.911	-	19.911
Total Adjustments	0.000	0.000	19.911	-	19.911
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	19.911	-	19.911

**Change Summary Explanation**

FY 2023 funding increase reflects the fact that the FY 2022 President's Budget request did not include out-year funding.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2023 Army										<b>Date:</b> April 2022		
<b>Appropriation/Budget Activity</b> 2040 / 5					<b>R-1 Program Element (Number/Name)</b> PE 0605224A / <i>Multi-Domain Intelligence</i>				<b>Project (Number/Name)</b> CK4 / <i>Intelligence Apps and Integration (MIP)</i>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</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>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
CK4: <i>Intelligence Apps and Integration (MIP)</i>	-	-	9.313	19.911	-	19.911	41.870	39.467	40.176	40.567	0.000	191.304
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

The Intelligence Applications and Integration (Intel Apps) Program is a software-centric ACAT III Program that will provide the Next Generation intelligence capabilities aligned to the National Defense Strategy and Multi-Domain Operations by enabling intelligence professionals to work through the intelligence cycle with increased speed, precision and accuracy. The Intel Apps Program will synchronize applications (including All Source, Information Collection, Weather effects, and Intelligence Support to Targeting) on top of the Command Post Computing Environment (CPCE) architecture, thus eliminating redundant, stove-piped, and resource-intensive applications. The Intel Apps program will also support the modernization of Geospatial capabilities currently being used in the Army by purchasing the latest and most effective hardware and software available. The emphasis for adding these and all future Intel Apps capabilities to the Army will be by leveraging commercial items to the maximum extent possible. The Army will leverage proven technology as a means of providing capabilities in the fastest and most efficient means possible.

The FY23 funds in the amount of \$19.911 million will focus on the development of Information Collection and Weather Operational Effects applications as well as the testing of the All Source and Intelligence Support to Targeting applications.

**B. Accomplishments/Planned Programs (\$ in Millions)**

	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
<b>Title:</b> Intelligence Applications and Integration	-	9.313	19.911
<b>Description:</b> Provide Next Generation intelligence capabilities. Initiate activities for All Source and Intelligence Support, Market Research and intelligence applications. Each application is on a two year cycle, therefore by year 2+ and every year beyond there will be overlap between released applications.			
<b>FY 2022 Plans:</b> Development of All Source and Intelligence Support to Targeting applications and the necessary Market Research.			
<b>FY 2023 Plans:</b> Development of Information Collection and Weather Operational Effects applications, testing of the All Source and Intelligence Support to Targeting applications, and the necessary Market Research for future Intelligence Applications.			
<b>FY 2022 to FY 2023 Increase/Decrease Statement:</b>			

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Funds are increased to refine modification, integration, and testing for Information Collection and Weather Operations applications.			
<b>Accomplishments/Planned Programs Subtotals</b>	-	9.313	19.911

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

<u>Line Item</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u> <u>Base</u>	<u>FY 2023</u> <u>OCO</u>	<u>FY 2023</u> <u>Total</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• BZ6111: <i>INTELLIGENCE APPS</i>	-	20.095	20.637	-	20.637	30.118	37.726	19.508	19.499	0.000	147.583

**Remarks**

**D. Acquisition Strategy**

The acquisition strategy is to acquire the Intelligence Applications by procuring commercial products available from the market place, or leveraging capabilities from Agencies' and Functional Managers' standard software, or using matured intelligence capabilities from Science and Technology initiatives for integration onto the CPCE infrastructure. Based upon Market Research for the first four software applications, the government identified commercial items that will be procured via competitive contracts. In order to meet military maturity and DoD standards, these applications will require additional modification, integration and testing support.

Most importantly, the Government is developing an API Interface to support interoperability between these applications. This interface will be tested to perform in a military environment.

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

<b>Appropriation/Budget Activity</b> 2040 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605224A / Multi-Domain Intelligence	<b>Project (Number/Name)</b> CK4 / Intelligence Apps and Integration (MIP)
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<b>Management Services (\$ 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>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>			
Program Management	Option/CPFF	QED : APG, MD	-	-		0.745	Dec 2021	1.486	Dec 2022	-		1.486	0.000	2.231	-
<b>Subtotal</b>			-	-		0.745		1.486		-		1.486	0.000	2.231	N/A

<b>Product Development (\$ 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>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>			
System Engineering/SME Support	Option/CPFF	BOOZ ALLEN HAMILTON : APG, MD	-	-		3.968	Dec 2021	2.927	Dec 2022	-		2.927	0.000	6.895	-
Information Assurance/Risk Management	Option/CPFF	BOOZ ALLEN HAMILTON : APG, MD	-	-		0.500	Dec 2021	0.494	Dec 2022	-		0.494	0.000	0.994	-
<b>Subtotal</b>			-	-		4.468		3.421		-		3.421	0.000	7.889	N/A

<b>Support (\$ 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>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>			
Training Development	RO	C5ISR : APG, MD	-	-		0.900	Dec 2021	1.335	Mar 2023	-		1.335	0.000	2.235	-
Integration effort into CPCE	RO	C5ISR : APG, MD	-	-		1.950	Dec 2021	1.085	Mar 2023	-		1.085	0.000	3.035	-
Information Collection (application 3)	TBD	TBD : TBD	-	-		-		5.000		-		5.000	0.000	5.000	-
Weather Operational Effects (application 4)	TBD	TBD : TBD	-	-		-		3.403		-		3.403	0.000	3.403	-
<b>Subtotal</b>			-	-		2.850		10.823		-		10.823	0.000	13.673	N/A



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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2023 Army</b>		<b>Date:</b> April 2022
<b>Appropriation/Budget Activity</b> 2040 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605224A / <i>Multi-Domain Intelligence</i>	<b>Project (Number/Name)</b> CK4 / <i>Intelligence Apps and Integration (MIP)</i>

Event Name	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
Matériel Development Decision	▲ 1																											
Milestone B Decision					▲ 2																							
All Source Applications Development								■																				
All Source Applications Integration								■	■	■	■																	
All Source Fielding								■	■	■	■																	
Intel Support to Targeting Applications Development								■																				
Intel Support to Targeting Applications Integration								■																				
Intel Support to Targeting Fielding								■	■	■	■																	
Information Collection Applications Development											■	■																
Information Collection Applications Integration															■	■												
Information Collection Fielding															■	■	■	■										
Weather Operational Effects Applications Development											■	■																
Weather Operational Effects Applications Integration																			■	■								

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Event Name	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
Weather Operational Effects Fielding													████████████████															

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

Events	Start		End	
	Quarter	Year	Quarter	Year
Material Development Decision	2	2021	2	2021
Milestone B Decision	3	2022	3	2022
All Source Applications Development	3	2022	4	2022
All Source Applications Integration	3	2022	4	2023
All Source Fielding	4	2022	4	2023
Intel Support to Targeting Applications Development	3	2022	4	2022
Intel Support to Targeting Applications Integration	3	2022	4	2022
Intel Support to Targeting Fielding	4	2022	4	2023
Information Collection Applications Development	3	2023	4	2023
Information Collection Applications Integration	1	2024	1	2024
Information Collection Fielding	1	2024	1	2025
Weather Operational Effects Applications Development	3	2023	4	2023
Weather Operational Effects Applications Integration	4	2023	1	2024
Weather Operational Effects Fielding	1	2024	1	2025