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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2022 Army **Date:** May 2021

<b>Appropriation/Budget Activity</b> 2040: <i>Research, Development, Test &amp; Evaluation, Army / BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0607665A / <i>Family of Biometrics</i>
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COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	-	1.576	1.276	1.178	-	1.178	-	-	-	-	-	-
DT2: <i>Biometrics</i>	-	0.213	-	-	-	-	-	-	-	-	-	-
DU2: <i>Management Agency</i>	-	1.363	1.276	1.178	-	1.178	-	-	-	-	-	-

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

DT2 / Non-MIP Biometrics - Biometrics Enabling Capability 0 (BEC 0), aka DoD Automated Biometrics Identification System (DoD ABIS), is an Army information technology system supporting identity superiority by providing the critical core capability for Warfighters to identify known or suspected threat actors in Multi Domain Operations (MDO) to include peer adversaries, terrorists and third country nationals. BEC 0 is an Army Program of Record and DoD's only authoritative biometric repository, providing 24/7 operational support for the Warfighter and interagency partners to decide and act in near-real time with timely identification and identity verification of known or suspected threat actors across the full range of military operations. DoD ABIS enables actionable intelligence supporting offensive operations and preventing espionage, sabotage, terrorist operations and other coercive actions against US forces and partner nations. DoD ABIS enables the Army, all other DOD components, Interagency and International Partners to effectively impede adversary's ability to conceal their identity and intentions. DoD ABIS supports all three objectives of the National Defense Strategy to increase lethality, enhance International Cooperation, and improve business practices.

The Defense Forensics and Biometrics Agency (DFBA), under the Provost Marshal General, fulfills the Secretary of the Army's Executive Agent (EA) responsibilities for all DoD forensics and biometrics activities. In addition, DFBA is the proponent to establish and maintain Research, Development, Test & Evaluation (RDT&E) and information management support throughout the Armed Services and DoD. DFBA leads and facilitates in the development of improvement and implementation of efficiencies to developed and deployed biometric technologies for Combatant Commands (CCMDs), Services, DoD, and Agencies; facilitates transition of capabilities that contribute to the enhancement of the biometric community; increases Joint Service interoperability; and empowers the warfighter by improving operational effectiveness on the battlefield. The DFBA strategy pursues technology opportunities through scientific discovery and makes investments responsive to specific requirements identified by combat developers.

**Justification:**

FY 2022 funding in the amount of \$1.178 million for Project DU2 will provide DFBA the ability to actively manage research efforts to address DoD biometrics objectives and requirements. DFBA supports the conduct of biometric and forensics activities (e.g. standards conformance and interoperability assessments), provides guidance to the research and development community, assists DoD acquisition organizations, and coordinates efforts with DoD and interagency stakeholders. This level of engagement promotes information sharing across the biometrics community to maximize utility of RDT&E efforts.

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<b>Exhibit R-2, RDT&amp;E Budget Item Justification: PB 2022 Army</b>					<b>Date: May 2021</b>
<b>Appropriation/Budget Activity</b> 2040: <i>Research, Development, Test &amp; Evaluation, Army / BA 7: Operational Systems Development</i>		<b>R-1 Program Element (Number/Name)</b> PE 0607665A / <i>Family of Biometrics</i>			
<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022 Base</b>	<b>FY 2022 OCO</b>	<b>FY 2022 Total</b>
Previous President's Budget	1.702	1.324	1.192	-	1.192
Current President's Budget	1.576	1.276	1.178	-	1.178
Total Adjustments	-0.126	-0.048	-0.014	-	-0.014
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.057	-			
• SBIR/STTR Transfer	-0.069	-0.048			
• Adjustments to Budget Years	-	-	-0.014	-	-0.014

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**Exhibit R-2A, RDT&E Project Justification:** PB 2022 Army **Date:** May 2021

Appropriation/Budget Activity 2040 / 7					R-1 Program Element (Number/Name) PE 0607665A / Family of Biometrics				Project (Number/Name) DT2 / Biometrics			
COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
DT2: Biometrics	-	0.213	-	-	-	-	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-	-	-

**Note**

BEC Increment 0 is in sustainment.

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

DT2 / Non-MIP Biometrics - Biometrics Enabling Capability 0 (BEC 0), aka DoD Automated Biometrics Identification System (DoD ABIS), is an Army information technology system supporting identity superiority by providing the critical core capability for Warfighters to identify known or suspected threat actors in Multi Domain Operations to include peer adversaries, terrorists and third country nationals. BEC 0 is an Army Program of Record and DoD's only authoritative biometric repository, providing 24/7 operational support for the Warfighter and interagency partners to decide and act in near-real time with timely identification and identity verification of known or suspected threat actors across the full range of military operations. DoD ABIS enables actionable intelligence supporting offensive operations and preventing espionage, sabotage, terrorist operations and other coercive actions against US forces and partner nations. DoD ABIS enables the Army, all other DOD components, Interagency and International Partners to effectively impede adversary's ability to conceal their identity and intentions. DoD ABIS supports all three objectives of the National Defense Strategy to increase lethality, enhance International Cooperation, and improve business practices.

Justification:

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

	FY 2020	FY 2021	FY 2022
<b>Title:</b> DoD ABIS (BEC 0)	0.213	-	-
<b>Description:</b> The BEC 0 program is in sustainment.			
<b>Accomplishments/Planned Programs Subtotals</b>	0.213	-	-

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

Line Item	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
• BA1300: FAMILY OF BIOMETRICS	1.000	-	-	-	-	-	-	-	-	-	-

**Remarks**

The FY 2020 OPA funds in the amount of \$1M were used to purchase IT licenses and maintenance for the Biometrics Operation Division.

**D. Acquisition Strategy**

The BEC Increment 0 program is in sustainment.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Army** **Date:** May 2021

<b>Appropriation/Budget Activity</b> 2040 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0607665A / Family of Biometrics	<b>Project (Number/Name)</b> DT2 / Biometrics
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<b>Product Development (\$ in Millions)</b>				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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			
Product Development	C/CPFF	Various : various	87.351	-		-		-		-		-	0.000	87.351	-
Service Life Extension	Option/ Various	Leidos : Fairmont, WV	19.559	0.208		-		-		-		-	0.000	19.767	-
<b>Subtotal</b>			106.910	0.208		-		-		-		-	0.000	107.118	N/A

<b>Support (\$ in Millions)</b>				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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			
PM Civilian Personnel	TBD	Alexandria : Virginia	3.358	-		-		-		-		-	0.000	3.358	-
ABIS in a box NATO Demonstration	Option/ Various	Fibertek : Virginia	-	0.005		-		-		-		-	0.000	0.005	-
<b>Subtotal</b>			3.358	0.005		-		-		-		-	0.000	3.363	N/A

<b>Test and Evaluation (\$ in Millions)</b>				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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			
Test and Evaluation (System Testing)	MIPR	Army Test and Evaluation (ATEC); Joint Interoperability Test Command : Various Locations	3.282	-		-		-		-		-	0.000	3.282	-
<b>Subtotal</b>			3.282	-		-		-		-		-	0.000	3.282	N/A

			Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>			113.550	0.213	0.000	-	-	-	0.000	113.763	N/A

**Remarks**

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**Exhibit R-4, RDT&E Schedule Profile: PB 2022 Army** **Date:** May 2021

<b>Appropriation/Budget Activity</b> 2040 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0607665A / <i>Family of Biometrics</i>	<b>Project (Number/Name)</b> DT2 / <i>Biometrics</i>
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Event Name	FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026			
	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
(1) BEC 0 DoD ABIS v1.2 Sustainment																												
(2) BEC 0 DoD ABIS SLEP Development and Contractor Testing																												
(3) BEC 0 DoD ABIS v1.3 Sustainment																												

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**Exhibit R-4A, RDT&E Schedule Details:** PB 2022 Army **Date:** May 2021

<b>Appropriation/Budget Activity</b> 2040 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0607665A / <i>Family of Biometrics</i>	<b>Project (Number/Name)</b> DT2 / <i>Biometrics</i>
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
(1) BEC 0 DoD ABIS v1.2 Sustainment	1	2017	4	2020
Contract Award - 6 month Bridge (DoD ABIS v1.2) Sustainment	2	2017	2	2017
(2) BEC 0 DoD ABIS SLEP Development and Contractor Testing	3	2017	3	2020
Competitive Contract Award - SLEP (DoD ABIS v1.3)	3	2017	3	2017
(3) BEC 0 DoD ABIS v1.3 Sustainment	3	2020	4	2023

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2022 Army										<b>Date:</b> May 2021		
<b>Appropriation/Budget Activity</b> 2040 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0607665A / Family of Biometrics				<b>Project (Number/Name)</b> DU2 / Management Agency			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022 Base</b>	<b>FY 2022 OCO</b>	<b>FY 2022 Total</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
DU2: Management Agency	-	1.363	1.276	1.178	-	1.178	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

The Defense Forensics and Biometrics Agency (DFBA), under the Provost Marshal General, fulfills the Secretary of the Army's Executive Agent (EA) responsibilities for all DoD forensics and biometrics activities. As the proponent, DFBA supports and provides oversight for Research, Development, Test & Evaluation (RDT&E) activities and information management throughout the Armed Services and DoD. DFBA leads and facilitates in the development of improvement and implementation of efficiencies to developed and deployed biometric technologies for Combatant Commands (CCMDs), Services, DoD, and Agencies; facilitates transition of capabilities that contribute to the enhancement of the biometric community; increases Joint Service interoperability; and empowers the warfighter by improving operational effectiveness on the battlefield. The DFBA strategy pursues technology opportunities through scientific discovery and makes investments responsive to specific requirements identified by combat developers.

**Justification:**

FY 2022 funding in the amount of \$1.178 million for Project DU2 will provide DFBA the ability to actively manage research efforts to address DoD biometrics objectives and requirements. DFBA supports the conduct of biometric and forensics activities (e.g. standards conformance and interoperability assessments), provides guidance to the research and development community, assists DoD acquisition organizations, and coordinates efforts with DoD and interagency stakeholders. This level of engagement promotes information sharing across the biometrics community to maximize utility of RDT&E efforts."

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

	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
<b>Title:</b> Development and Implementation of Biometric Technologies	1.363	1.276	1.178
<b>Description:</b> Biometrics and Forensics Technologies Research			
<b>FY 2021 Plans:</b> FY 2021 funding in the amount of \$1.276 million for Project DU2 will provide DFBA the ability to actively manage research efforts to ensure scientific merit, feasibility, and DFBA objectives and requirements are met. DFBA supports the conduct of biometric and forensics activities (e.g. standards conformance and interoperability assessments), support to DoD acquisition organizations, and provision of subject matter expertise to DoD and non-DoD government stakeholders.			
<b>FY 2022 Plans:</b> FY 2022 funding in the amount of \$1.178 million for Project DU2 will provide DFBA the ability to actively manage research efforts to ensure scientific merit, feasibility, and DFBA objectives and requirements are met. DFBA supports the conduct of biometric and forensics activities (e.g. standards conformance and interoperability assessments), support to DoD acquisition organizations, and provision of subject matter expertise to DoD and non-DoD government stakeholders.			
<b>FY 2021 to FY 2022 Increase/Decrease Statement:</b>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2022 Army	<b>Date:</b> May 2021
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<b>Appropriation/Budget Activity</b> 2040 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0607665A / <i>Family of Biometrics</i>	<b>Project (Number/Name)</b> DU2 / <i>Management Agency</i>
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2020	FY 2021	FY 2022
DFBA requested \$1.5 million for RDTE across the FYDP but received a decrement in funding across the FYDP. For FY21 DFBA is scheduled to receive \$1.276 million, decrement of \$0.224 million prior to any decrements or taxes; additional decrements may result. For FY22 DFBA is scheduled to receive \$1.178 million, decrement of \$0.322 million, resulted from OSD cuts.			
<b>Accomplishments/Planned Programs Subtotals</b>	1.363	1.276	1.178

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

N/A

**Remarks**

**D. Acquisition Strategy**

DFBA uses a variety of existing contract vehicles to support the continued development of technology advancements for the fingerprint, face, iris, palm, DNA reference, and voice modalities. In addition to advancing the state of the art, these efforts enable DFBA to produce updated standards and architectures for the DoD Biometrics and Forensics Enterprise in support of interoperability objectives.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Army** **Date:** May 2021

<b>Appropriation/Budget Activity</b> 2040 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0607665A / Family of Biometrics	<b>Project (Number/Name)</b> DU2 / Management Agency
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<b>Management Services (\$ in Millions)</b>				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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			
FY 2020 SBIR/STTR Transfer	TBD	Various : Various	-	0.065		-		-		-		-	0.000	0.065	-
<b>Subtotal</b>			-	0.065		-		-		-		-	0.000	0.065	N/A

<b>Product Development (\$ in Millions)</b>				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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			
DFBA RDTE efforts	MIPR	Various Activities : Various locations	12.418	1.298	Jun 2020	1.276	Jun 2021	1.178	Jun 2021	-		1.178	Continuing	Continuing	-
<b>Subtotal</b>			12.418	1.298		1.276		1.178		-		1.178	Continuing	Continuing	N/A

**Remarks**  
Continuation of development of state of the art sensor capabilities enables the advancement of collection, match, share, and store capabilities. As sensors mature and take advantage of new spectra for biometric identification, the results from these capabilities enable DFBA to proactively advance the standards and architectures needed to use the advanced capabilities.

	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>	12.418	1.363	1.276	1.178	-	1.178	Continuing	Continuing	N/A

**Remarks**



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**Exhibit R-4A, RDT&E Schedule Details:** PB 2022 Army **Date:** May 2021

<b>Appropriation/Budget Activity</b> 2040 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0607665A / <i>Family of Biometrics</i>	<b>Project (Number/Name)</b> DU2 / <i>Management Agency</i>
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
DFBA RDT&E Fingerprint, Face, Iris, Palm, and Voice	2	2020	4	2024
DFBA Interoperability	2	2020	4	2024