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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Army	Date: February 2015
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Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 7: Operational Systems Development</i>					R-1 Program Element (Number/Name) PE 0607665A / <i>Family of Biometrics</i>							
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
Total Program Element	-	7.160	-	13.237	-	13.237	1.459	0.723	1.474	1.489	Continuing	Continuing
DT2: <i>Non-MIP Biometrics</i>	-	7.160	-	11.770	-	11.770	-	-	-	-	-	18.930
DU2: <i>Management Agency</i>	-	-	-	1.467	-	1.467	1.459	0.723	1.474	1.489	Continuing	Continuing

Note

FY14 funds provided via ATR 14-11PA.

A. Mission Description and Budget Item Justification

The Biometrics Enabling Capability (BEC) product office has full life-cycle management responsibility of the upgraded authoritative biometrics enterprise repository system, known as DoD Automated Biometrics Identification System (DoD ABIS). DoD ABIS is an information technology system that supports identity superiority by providing the critical capability for Warfighters to identify known or suspected terrorists and third country nationals in the course of military operations. DoD ABIS is the authoritative biometrics enterprise system that provides matching, sharing and storing of biometrics data. The capability can receive multi-model biometrics submissions to include iris, face, palm and finger prints from biometrics collection devices, which will support the Warfighter in making, retain, capture or release decisions. The system has a direct impact on the availability of critical intelligence information that is of vital interest to DoD and other government agencies, including Department of Justice (DoJ), Federal Bureau of Investigation (FBI), Department of Homeland Security (DHS), and Department of State (DoS).

The Defense Forensics and Biometrics Agency (DFBA) as the Executive Manager for Army Biometrics acts as the DoD proponent to establish and maintain Research, Development, Test & Evaluation (RDTE) and information management support throughout the Armed Services. DFBA leads in the development and implementation of biometric technologies for Combatant Commands (CCMDs), Services, and Agencies; delivers 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. These directives are carried out by DFBA's Office of the Chief Scientist (OCS). OCS coordinates all science and technology (S&T) efforts and oversees the RDT&E program.

Justification:

FY16 Research Development Test and Evaluation (RDT&E) funding in the amount of \$11.770 million supports integration and testing of upgraded Commercial Off the Shelf (COTS) Search Core software to replace obsolete technology and extend the service life of the DoD ABIS system baseline. Funds will also support software upgrades to the Electronic Biometrics Transmission Specification (EBTS 2.0) to comply with current DoD Information Technology Standards Registry (DISR) EBTS 3.0 Standards.

FY 2016 funding in the amount of \$1.467 million will provide DFBA the ability to actively manage internal and external research efforts to ensure scientific merit, feasibility, and DFBA objectives and requirements are met. DFBA conducts biometric T&E activities, including standards conformance and Automated Biometric Identification System (ABIS) interoperability assessments, supporting DoD acquisition organizations, and providing subject matter expertise to DoD and non-DoD government stakeholders.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Army				Date: February 2015	
Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
2040: Research, Development, Test & Evaluation, Army / BA 7: Operational Systems Development		PE 0607665A / Family of Biometrics			
B. Program Change Summary (\$ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	-	-	-	-	-
Current President's Budget	7.160	-	13.237	-	13.237
Total Adjustments	7.160	-	13.237	-	13.237
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments 1	7.160	-	13.237	-	13.237

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2016 Army										Date: February 2015		
Appropriation/Budget Activity 2040 / 7					R-1 Program Element (Number/Name) PE 0607665A / Family of Biometrics				Project (Number/Name) DT2 / Non-MIP Biometrics			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
DT2: Non-MIP Biometrics	-	7.160	-	11.770	-	11.770	-	-	-	-	-	18.930
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Biometrics Enabling Capability (BEC) product office has full life-cycle management responsibility of the upgraded authoritative biometrics enterprise repository system, known as DoD Automated Biometrics Identification System (DoD ABIS). DoD ABIS is an information technology system that supports identity superiority by providing the critical capability for Warfighters to identify known or suspected terrorists and third country nationals in the course of military operations. DoD ABIS is the authoritative biometrics enterprise system that provides matching, sharing and storing of biometrics data. The capability can receive multi-model biometrics submissions to include iris, face, palm and finger prints from biometrics collection devices, which will support the Warfighter in making, retain, capture or release decisions. The system has a direct impact on the availability of critical intelligence information that is of vital interest to DoD and other government agencies, including Department of Justice (DoJ), Federal Bureau of Investigation (FBI), Department of Homeland Security (DHS), and Department of State (DoS).

Justification:

FY16 Research Development Test and Evaluation (RDT&E) funding in the amount of \$11.770 million supports integration and testing of upgraded Commercial Off the Shelf (COTS) Search Core software to replace obsolete technology and extend the service life of the DoD ABIS system baseline. Funds will also support software upgrades to the Electronic Biometrics Transmission Specification (EBTS 2.0) to comply with current DoD Information Technology Standards Registry (DISR) EBTS 3.0 Standards.

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

	FY 2014	FY 2015	FY 2016
Title: DoD ABIS v1.2	7.160	-	11.770
Description: Supports development and testing activities for the DoD ABIS v1.2			
FY 2014 Accomplishments: FY14 Base RDT&E funding will support prime system integrator support, Master Recovery System testing and deployment and Joint Interoperability Test Command (JITC) interoperability testing.			
FY 2016 Plans: FY16 Base RDT&E funding will support two key software development activities to upgrade and test the Search Core and upgrade the EBTS in support of the service life extension to the DoD ABIS system baseline.			
Accomplishments/Planned Programs Subtotals	7.160	-	11.770

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2016 Army										Date: February 2015	
Appropriation/Budget Activity 2040 / 7				R-1 Program Element (Number/Name) PE 0607665A / <i>Family of Biometrics</i>				Project (Number/Name) DT2 / <i>Non-MIP Biometrics</i>			
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
• OPA: <i>Biometrics</i> <i>Enabling Capability-OPA</i>	3.800	-	-	-	-	-	-	-	-	-	3.800
• OMA: <i>Biometrics</i> <i>Enabling Capability-OMA</i>	7.250	5.748	16.675	-	16.675	-	-	-	-	-	29.673
• R&D: <i>Biometrics Enabling Capability-RDTE-0607664AEG4</i>	-	1.332	-	-	-	-	-	-	-	-	1.332
Remarks											
D. Acquisition Strategy											
The Army Acquisition Strategy for this program is to upgrade critical software components to extend the service life of the current capability and transition to sustainment.											
E. Performance Metrics											
N/A											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Army												Date: February 2015			
Appropriation/Budget Activity 2040 / 7						R-1 Program Element (Number/Name) PE 0607665A / Family of Biometrics				Project (Number/Name) DT2 / Non-MIP Biometrics					
Management Services (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
PM Management Services	C/FFP	Alexandria : Virginia	15.829	-		-		-		-		-	-	15.829	-
Subtotal			15.829	-		-		-		-		-	-	15.829	-
Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
Product Development	C/CPFF	Various : various	81.349	4.670		-		-		-		-	-	86.019	-
Search Core Upgrade	C/CPFF	TBD : TBD	0.000	-		-		9.270		-		9.270	-	9.270	-
EBTS 3.0 Upgrade	C/CPFF	TBD : TBD	0.000	-		-		2.500		-		2.500	-	2.500	-
Subtotal			81.349	4.670		-		11.770		-		11.770	-	97.789	-
Support (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
PM Civilian Personnel	TBD	Alexandria : Virginia	3.358	-		-		-		-		-	-	3.358	-
Other Support Costs (Facility Related Expenses)	TBD	Alexandria : Virginia	0.794	-		-		-		-		-	-	0.794	-
Subtotal			4.152	-		-		-		-		-	-	4.152	-
Test and Evaluation (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
Test and Evaluation (System Testing)	MIPR	Army Test and Evaluation (ATEC); Joint Interoperability Test Command : Various Locations	0.792	2.490		-		-		-		-	-	3.282	-
Subtotal			0.792	2.490		-		-		-		-	-	3.282	-

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Army											Date: February 2015			
Appropriation/Budget Activity 2040 / 7					R-1 Program Element (Number/Name) PE 0607665A / Family of Biometrics				Project (Number/Name) DT2 / Non-MIP Biometrics					
		Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals		102.122	7.160		-		11.770		-		11.770	-	121.052	-

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army																Date: February 2015												
Appropriation/Budget Activity										R-1 Program Element (Number/Name)								Project (Number/Name)										
2040 / 7										PE 0607665A / Family of Biometrics								DT2 / Non-MIP Biometrics										
Event Name	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	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) IOT&E																												
(2) System Engineering Support & Test Planning																												
(3) FOT&E																												
(4) System Sustainment																												
(5) Search Core Upgrade																												
(6) EBTS 3.0 Upgrade																												
(7) Data Center Consolidation																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Army			Date: February 2015
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0607665A / <i>Family of Biometrics</i>	Project (Number/Name) DT2 / <i>Non-MIP Biometrics</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
(1) IOT&E	3	2014	4	2014
(2) System Engineering Support & Test Planning	1	2015	4	2015
(3) FOT&E	1	2015	4	2015
(4) System Sustainment	1	2016	4	2020
(5) Search Core Upgrade	2	2016	1	2018
(6) EBTS 3.0 Upgrade	2	2016	1	2018
(7) Data Center Consolidation	1	2017	2	2018

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2016 Army										Date: February 2015		
Appropriation/Budget Activity 2040 / 7					R-1 Program Element (Number/Name) PE 0607665A / Family of Biometrics				Project (Number/Name) DU2 / Management Agency			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
DU2: Management Agency	-	-	-	1.467	-	1.467	1.459	0.723	1.474	1.489	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Defense Forensics and Biometrics Agency (DFBA) as the Executive Manager for Army biometrics acts as the DoD proponent to establish and maintain Research, Development, Test & Evaluation (RDTE) and information management support throughout the armed services. DFBA leads in the development and implementation of biometric technologies for Combatant Commands (CCMDs), Services, and Agencies; delivers 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. These directives are carried out by DFBA's Office of the Chief Scientist (OCS). OCS coordinates all science and technology (S&T) efforts and oversees the RDT&E program.

Justification:

FY2016 funding in the amount of \$1.467 million will provide DFBA the ability to actively manage internal and external research efforts to ensure scientific merit, feasibility, and DFBA objectives and requirements are met. DFBA conducts biometric T&E activities, including standards conformance and Automated Biometric Identification System (ABIS) interoperability assessments, supporting DoD acquisition organizations, and providing subject matter expertise to DoD and non-DoD government stakeholders.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2014	FY 2015	FY 2016
Title: Development and Implementation of Biometric Technologies	-	-	1.467
Description: Development and Implementation of Biometric Technologies			
FY 2016 Plans: FY2016 funding in the amount of \$1.467 million will provide DFBA the ability to actively manage internal and external research efforts to ensure scientific merit, feasibility, and DFBA objectives and requirements are met. DFBA conducts biometric T&E activities, including standards conformance and Automated Biometric Identification System (ABIS) interoperability assessments, supporting DoD acquisition organizations, and providing subject matter expertise to DoD and non-DoD government stakeholders.			
Accomplishments/Planned Programs Subtotals	-	-	1.467

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

N/A

Remarks

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Army		Date: February 2015
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0607665A / Family of Biometrics	Project (Number/Name) DU2 / Management Agency
D. Acquisition Strategy Support DoD Acquisition organizations in developmental testing, systems integration, and/or independent verification and validation of biometric systems.		
E. Performance Metrics N/A		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Army												Date: February 2015			
Appropriation/Budget Activity 2040 / 7					R-1 Program Element (Number/Name) PE 0607665A / Family of Biometrics					Project (Number/Name) DU2 / Management Agency					
Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
BIMA RDTE efforts	MIPR	Various Activities : Various locations	7.814	-		-		1.467		-		1.467	Continuing	Continuing	-
Subtotal			7.814	-		-		1.467		-		1.467	-	-	-
			Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			7.814	-		-		1.467		-		1.467	-	-	-
Remarks															

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army																Date: February 2015												
Appropriation/Budget Activity 2040 / 7								R-1 Program Element (Number/Name) PE 0607665A / Family of Biometrics								Project (Number/Name) DU2 / Management Agency												
Event Name	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	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
BIMA RDTE Efforts																												

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2016 Army		Date: February 2015
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0607665A / Family of Biometrics	Project (Number/Name) DU2 / Management Agency

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
BIMA RDTE Efforts	1	2016	4	2016