Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Army											Date: February 2018	
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 7: *Operational Systems Development*					R-1 Program Element (Number/Name) PE 0307665A *I Biometrics Enabled Intelligence*							
COST ($ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
Total Program Element	-	8.854	8.573	4.310	2.214	6.524	4.800	0.000	0.000	0.000	0.000	28.751
BI7: *BIOMETRICS ENABLED INTELLIGENCE - MIP*	-	8.854	8.573	4.310	2.214	6.524	4.800	0.000	0.000	0.000	0.000	28.751

A. Mission Description and Budget Item Justification

The Army Program of Record for biometrics tactical collection capability is presently the Biometrics Automated Toolset-Army (BAT-A). It consists of the BAT-A Kit, BAT-A Handheld and BAT-A Web Service. This capability supports the Army Force Protection Mission and Identity Dominance Mission. The BAT-A system collects, matches, stores, and shares biometric and contextual information on Known & Suspected Terrorists, potential adversaries, host nation personnel, and third country nationals. Recipients of collected information include DoD organizations, other U.S. government agencies, and Coalition Partners. The BAT-A system is also used by non-Military Intelligence personnel (Infantry and Military Police) for protection missions. The capability was originally deployed as a Quick Reaction Capability and has been deployed in a combat zone for over 17 years. Today, BAT-A supports Operation Freedom's Sentinel, Operation Inherent Resolve and Operation Guantanamo Bay. The BAT-A system will reach end of useful life in FY22.

The $4.310 million of FY 2019 Base Funding will continue the transition phase established in FY 2018 for Next Generation Biometric Collection Capability (NXGBCC), the replacement for the BAT-A. The program will use the Other Transaction Agreement (OTA) process to down-select prototypes from commercial vendors. Also, the program will begin NXGBCC infrastructure assessment, functionality and modality evaluation.

The FY 2019 OCO of $2.214 million will continue to support the development of new software code & associated testing to deliver the Identity Intelligence Analytic Resource (I2AR) a replacement for the Biometrics Identity Intelligence Repository (BI2R -the unique software-based analytic production system used by the National Ground Intelligence Center (NGIC) specifically to create the Biometric Enabled Watchlist for Operation Freedom's Sentinel (OFS) and other worldwide missions) on the Intelligence Community Information Technology Environment (IC ITE) Commercial Cloud Service (C2S) cloud.

Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Army	Date: February 2018

Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 7: *Operational Systems Development*	R-1 Program Element (Number/Name) PE 0307665A *I Biometrics Enabled Intelligence*

B. Program Change Summary ($ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Previous President's Budget	8.854	8.573	0.000	-	0.000
Current President's Budget	8.854	8.573	4.310	2.214	6.524
Total Adjustments	0.000	0.000	4.310	2.214	6.524
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	4.310	2.214	6.524

Change Summary Explanation

The FY 2019 funding request was reduced by $1.490 million to account for the availability of prior year execution balances.

The $4.310 million of FY 2019 Base Funding will continue on the transition phase established in FY 2018 for Next Generation Biometric Collection Capability, (NXGBCC) the replacement for the BAT-A. The program will use the Other Transaction Agreement (OTA) process to down-select prototypes from commercial vendors. Also, the program will begin NXGBCC infrastructure assessment, functionality and modality evaluation.

The FY 2019 OCO of $2.214 million will continue to support the development of new software code & associated testing to deliver the Identity Intelligence Analytic Resource (I2AR) a replacement for the Biometrics Identity Intelligence Repository (BI2R -the unique software-based analytic production system used by NGIC specifically to create the Biometric Enabled Watchlist for OFS and other worldwide missions) on the Intelligence Community Information Technology Environment (IC ITE) C2S cloud.

Exhibit R-2A, RDT&E Project Justification: PB 2019 Army		Date: February 2018

Appropriation/Budget Activity 2040 I 7	R-1 Program Element (Number/Name) PE 0307665A I Biometrics Enabled Intelligence	Project (Number/Name) BI7 I BIOMETRICS ENABLED INTELLIGENCE - MIP

COST ($ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
BI7: *BIOMETRICS ENABLED INTELLIGENCE - MIP*	-	8.854	8.573	4.310	2.214	6.524	4.800	0.000	0.000	0.000	0.000	28.751
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Army Program of Record for biometrics tactical collection capability is presently the Biometrics Automated Toolset-Army (BAT-A). It consists of the BAT-A Kit, BAT-A Handheld and BAT-A Web Service. This capability supports the Army Force Protection Mission and Identity Dominance Mission. The BAT-A system collects, matches, stores, and shares biometric and contextual information on Known & Suspected Terrorists, potential adversaries, host nation personnel, and third country nationals. Recipients of collected information include DoD organizations, other U.S. government agencies, and Coalition Partners. The BAT-A system is also used by non-Military Intelligence personnel (Infantry and Military Police) for protection missions.   The capability was originally deployed as a Quick Reaction Capability and has been deployed in a combat zone for over 17 years. Today, BAT-A supports Operation Freedom's Sentinel, Operation Inherent Resolve and Operation Guantanamo Bay. The BAT-A system will reach end of useful life in FY22.

The $4.310 million of FY 2019 Base Funding will continue the transition phase established in FY 2018 for Next Generation Biometric Collection Capability (NXGBCC), the replacement for the BAT-A. The program will use the Other Transaction Agreement (OTA) process to down-select prototypes from commercial vendors. Also, the program will begin NXGBCC infrastructure assessment, functionality and modality evaluation.

The FY 2019 OCO of $2.214 million will continue to support the development of new software code & associated testing to deliver the Identity Intelligence Analytic Resource (I2AR) a replacement for the Biometrics Identity Intelligence Repository (BI2R -the unique software-based analytic production system used by the National Ground Intelligence Center (NGIC) specifically to create the Biometric Enabled Watchlist for Operation Freedom's Sentinel (OFS) and other worldwide missions) on the Intelligence Community Information Technology Environment (IC ITE) Commercial Cloud Service (C2S) cloud.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Title: Army G2 Projects	7.104	6.036	0.000	2.214	2.214
Description: Army G2 supports various development of intelligence capabilities currently used to support Operation Freedom's Sentinel (OFS) and Operation Inherent Resolve (OIR) including Vigilant Pursuit Systems and the Biometrics Intelligence Information Repository (BI2R). *FY 2018 Plans:* FY 2018 RDT&E OCO Funding ($3,886) supports Five Vigilant Pursuit System Sets (10 vehicles total plus equipment) are currently deployed in support of OFS (two sets) and OIR (three sets). The Vigilant Pursuit					

Exhibit R-2A, RDT&E Project Justification: PB 2019 Army		Date: February 2018
Appropriation/Budget Activity 2040 *I* 7	**R-1 Program Element (Number/Name)** PE 0307665A *I Biometrics Enabled Intelligence*	**Project (Number/Name)** BI7 *I BIOMETRICS ENABLED INTELLIGENCE - MIP*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
System currently consists of 2 vehicles with integrated Multi-Intelligence (Multi-INT) Collection, Processing, Exploitation, and Dissemination capability packages installed on Mine-Resistant Ambush Protected All-Terrain Vehicles (MATVs). The funding supports developmental activities to create modularized, vehicle-independent and tailorable Multi-INT Collection, Processing, Exploitation, and Dissemination capability packages that can be installed and removed in a matter of minutes on any vehicle type to meet specific mission needs. The remaining FY 2018 RDT&E OCO Funding ($2,150K) supports the development of new software code & associated testing to deliver the Biometric Intelligence Information Repository (I2AR) a replacement for the Biometrics Identity Intelligence Repository (BI2R -the unique software-based analytic production system used by NGIC specifically to create the Biometric Enabled Watchlist for OFS and other worldwide missions) on the Intelligence Community Information Technology Environment (IC ITE) C2S cloud. *FY 2019 Base Plans:* No RDT&E Base associated efforts are planned for FY 2019. *FY 2019 OCO Plans:* The FY 2019 OCO of $2.214 million will continue to support the development of new software code & associated testing to deliver the Identity Intelligence Analytic Resource (I2AR) a replacement for the Biometrics Identity Intelligence Repository (BI2R -the unique software-based analytic production system used by NGIC specifically to create the Biometric Enabled Watchlist for OFS and other worldwide missions) on the Intelligence Community Information Technology Environment (IC ITE) C2S cloud. *FY 2018 to FY 2019 Increase/Decrease Statement:* FY18 RDT&E OCO Funding ($3,886K) supports developmental activities to create modularized, vehicle-independent and tailorable Multi-INT Collection, Processing, Exploitation, and Dissemination capability packages will conclude in FY18. The RDT&E funding of $2,150K for FY19 will continue the development of new software code & associated testing.					
Title: Next Generation Biometric Collection Capability (NXGBCC) *Description:* The Next Generation Biometric Collection Capability (NXGBCC) will be the successor program to the current BAT-A Program of Record. *FY 2018 Plans:*	-	2.537	4.310	-	4.310

Exhibit R-2A, RDT&E Project Justification: PB 2019 Army		Date: February 2018	
Appropriation/Budget Activity 2040 I 7	R-1 Program Element (Number/Name) PE 0307665A I *Biometrics Enabled Intelligence*	Project (Number/Name) BI7 I *BIOMETRICS ENABLED INTELLIGENCE - MIP*	

B. Accomplishments/Planned Programs ($ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
The FY 2018 Base funding of $2.537 million will support program planning and pre-acquisition efforts for the Next Generation Biometric Collection Capability (NXGBCC). *FY 2019 Base Plans:* The $4.310 million of FY 2019 Base Funding will expand on the transition phase established in FY 2018 for Next Generation Biometric Collection Capability (NXGBCC) the replacement for the BAT-A. The program will continue the Other Transaction Agreement (OTA) process to down-select prototypes from commercial vendors. Also, the program will begin NXGBCC infrastructure assessment, functionality and modality evaluation. *FY 2018 to FY 2019 Increase/Decrease Statement:* The increase of $1.773 million of FY 2019 Base Funding will further expand market research and industry engagement initiated in FY 2018 for Next Generation Biometric Collection Capability (NXGBCC). The program will complete the OTA to down-select a prototype from commercial vendors. Also, the program will begin NXGBCC infrastructure assessment, functionality and modality evaluation.					
Title: Joint Urgent Operational Needs Statement (JUONS) CC-0548 *Description:* OSD S&T effort to develop a portable rapid DNA solution to meet the requirements for JUONS CC-0548.	1.750	-	-	-	-
Accomplishments/Planned Programs Subtotals	8.854	8.573	4.310	2.214	6.524

C. Other Program Funding Summary ($ in Millions)
 N/A
Remarks

D. Acquisition Strategy
 The NXGBCC Acquisition Strategy is to procure a limited development integrated solution that meets the NXGBCC collect/store/match/share requirements and interfaces with the Biometric Family of Systems. The strategy will maximize mature technologies (integrated commercial off the shelf products) and reward industry for providing a solution that is integrated and can be fielded in FY21. The program office will use an Other Transaction Agreement (OTA) to down-select a prototype from commercial vendors. Upon OTA completion, the procurement, fielding and sustainment sustainment process will begin.

 The $2.214 million of FY 2019 OCO funding will continue the development of new software code & associated testing necessary to deliver the Identity Intelligence Analytic Resource (I2AR). The acquisition strategy will be to exercise a contract option which enables for continuation of a contractor to develop activities for the Army Requirements Oversight Council (AROC) approved Quick Reaction Capability (QRC).

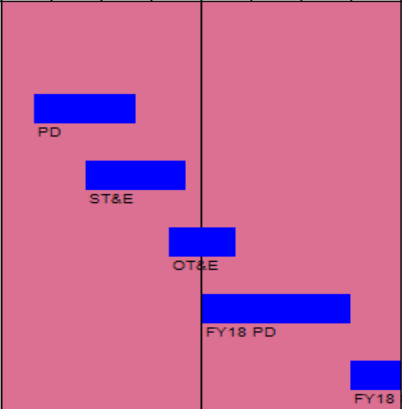| Exhibit R-2A, RDT&E Project Justification: PB 2019 Army		Date: February 2018
Appropriation/Budget Activity 2040 / 7	**R-1 Program Element (Number/Name)** PE 0307665A *I Biometrics Enabled Intelligence*	**Project (Number/Name)** BI7 *I BIOMETRICS ENABLED INTELLIGENCE - MIP*

E. Performance Metrics

 N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Army												Date: February 2018	
Appropriation/Budget Activity 2040 *I* 7						**R-1 Program Element (Number/Name)** PE 0307665A *I Biometrics Enabled Intelligence*						**Project (Number/Name)** BI7 *I BIOMETRICS ENABLED INTELLIGENCE - MIP*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
PM Management Services	Various	Various : Various	12.921	-		2.537		-		-		-	0.000	15.458	-
PM Management Services	C/Various	TBD : TBD	-	-		-		4.310		2.214		6.524	0.000	6.524	-
		Subtotal	12.921	-		2.537		4.310		2.214		6.524	0.000	21.982	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Base Products Development	C/IDIQ	Various : TBD	44.293	5.494	Jul 2017	5.247		-		-		-	0.000	55.034	-
		Subtotal	44.293	5.494		5.247		-		-		-	0.000	55.034	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
PM Civilian Personnel and Other Support Costs	Various	Various : Various	20.102	-		-		-		-		-	0.000	20.102	-
		Subtotal	20.102	-		-		-		-		-	0.000	20.102	N/A

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
IA, T&E, Threat Assessment, Interoperabiity Certifications	Various	Various : TBD	0.917	3.360	Aug 2017	0.789		-		-		-	0.000	5.066	-
		Subtotal	0.917	3.360		0.789		-		-		-	0.000	5.066	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Army							Date: February 2018			
Appropriation/Budget Activity 2040 I 7			**R-1 Program Element (Number/Name)** PE 0307665A I Biometrics Enabled Intelligence				**Project (Number/Name)** BI7 I BIOMETRICS ENABLED INTELLIGENCE - MIP			
	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract	
Project Cost Totals	78.233	8.854	8.573	4.310	2.214	6.524	0.000	102.184	N/A	

Remarks

Exhibit R-4, **RDT&E Schedule Profile:** PB 2019 Army | **Date:** February 2018

Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0307665A / *Biometrics Enabled Intelligence*	Project (Number/Name) BI7 / *BIOMETRICS ENABLED INTELLIGENCE - MIP*

Exhibit R-4A, **RDT&E Schedule Details:** PB 2019 Army		**Date:** February 2018
Appropriation/Budget Activity 2040 *I* 7	**R-1 Program Element (Number/Name)** PE 0307665A *I Biometrics Enabled Intelligence*	**Project (Number/Name)** BI7 *I BIOMETRICS ENABLED INTELLIGENCE - MIP*

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Contract Closeout	2	2015	2	2015
PM JPIv2 Closeout	2	2015	1	2016
Army G2 Projects	1	2017	1	2021
Product Development	1	2017	3	2017
Systems Test & Evaluation	2	2017	4	2017
Operational Test & Evaluation	4	2017	1	2018
FY18 Product Development	1	2018	3	2018
FY18 Operational Test & Evaluation	4	2018	4	2018
Next Generation Biometric Collection Capability (NXGBCC)	1	2018	1	2032
NXGBCC Program Planning	1	2018	4	2019
AoA Report	1	2018	2	2018
CPD Signed	1	2019	1	2019
MS-C	3	2020	3	2020
Initial Operational Capability	3	2021	1	2022