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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2021 Army **Date:** February 2020

<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 0307665A / <i>Biometrics Enabled Intelligence</i>
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COST (\$ in Millions)	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
Total Program Element	-	6.524	4.214	0.000	-	0.000	2.259	0.000	0.000	0.000	0.000	12.997
BI7: <i>Biometrics Enabled Intelligence - MIP</i>	-	6.524	2.214	0.000	-	0.000	2.259	0.000	0.000	0.000	0.000	10.997
FL5: <i>Next Gen Biometric Collection Capability (MIP)</i>	-	0.000	2.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	2.000

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

The Next Generation Biometric Collection Capability (NXGBCC) is the replacement for the Biometrics Automated Toolset - Army (BAT-A) Program of Record (POR) which has been supporting overseas contingency operations for over 19 years, well beyond the standard 3 to 6 years of useful electronic equipment life. NXGBCC supports all three objectives of the National Defense to increase lethality, enhance International Cooperation, and improve business practices. NXGBCC initiates the data flow to the DoD Authoritative Biometrics Identification System (ABIS) and Military Intelligence systems. NXGBCC consists of an expeditionary biometric data management system called the Local Trusted Source (LTS), biometric static collection kits with palm and credential badge capability, and biometric mobile collection kits. NXGBCC will tactically collect, match, store, reference, and share biometric signatures and contextual data while providing data analysis capability at all echelons; enabling forces in competition, armed conflict, and re-competing in a Multi-Domain Operations (MDO) environment. NXGBCC processes Enemy Prisoners of War (EPWs), Displaced Persons, and Refugees. It also assists Operations in the Support in Consolidation Areas. NXGBCC enables commanders to protect their force, deny enemy movement, increase freedom of maneuver, protect civilian populations, manage detainees identities, and to defeat near-peer unconventional threats. FY 2020 funding for NXGBCC previously reflected in project BI7 was moved to project FL5.

Identity Intelligence Analytic Repository (I2AR) will serve as an analytical tool to produce, manage, and disseminate the DoD Biometrically Enabled Watchlist (BEWL) as well as extend opportunities for system and data integration with enhanced analytic data sharing across the Army and Intelligence Community (IC) partners. Analysts will use I2AR to conduct analysis and develop intelligence reports, in support of DoD and national community missions. I2AR will include the legacy Biometrics Identity Intelligence Resource (BI2R) functionality as well as elasticity, encryption, and open source software for enduring interoperability with DoD, IC, and external partners.

**Justification:**

Prior year funding for NXGBCC was previously included within project BI7. For FY 2020, NXGBCC funding is now reflected within project FL5. The \$2.000 million of FY 2020 Base Funding in FL5 will complete the prototype selection process via the Other Transaction Agreement (OTA) started in FY 2018. The program office will complete operational testing, interoperability testing, and New Equipment Training (NET) development.

The FY 2020 OCO of \$2.214 million in BI7 will continue to support the development of new software code & associated testing to deliver the Identity Intelligence Analytic Repository (I2AR) a replacement for the Biometrics Identity Intelligence Repository (BI2R -the unique software-based analytic production system used by DoD's intelligence analysts to create products such as the Biometric Enabled Watchlist for Operation Freedom's Sentinel (OFS) and other worldwide missions) on cloud computing platforms.

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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2021 Army	<b>Date:</b> February 2020
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<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 0307665A / <i>Biometrics Enabled Intelligence</i>
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<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021 Base</b>	<b>FY 2021 OCO</b>	<b>FY 2021 Total</b>
Previous President's Budget	6.524	4.214	2.236	-	2.236
Current President's Budget	6.524	4.214	0.000	-	0.000
Total Adjustments	0.000	0.000	-2.236	-	-2.236
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	-2.236	-	-2.236

**Change Summary Explanation**

No RDT&E Funds requested for FY 2021.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2021 Army										<b>Date:</b> February 2020		
<b>Appropriation/Budget Activity</b> 2040 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0307665A / <i>Biometrics Enabled Intelligence</i>				<b>Project (Number/Name)</b> B17 / <i>Biometrics Enabled Intelligence - MIP</i>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021 Base</b>	<b>FY 2021 OCO</b>	<b>FY 2021 Total</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
<i>B17: Biometrics Enabled Intelligence - MIP</i>	-	6.524	2.214	0.000	-	0.000	2.259	0.000	0.000	0.000	0.000	10.997
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

The Next Generation Biometric Collection Capability (NXGBCC) is the replacement for the Biometrics Automated Toolset - Army (BAT-A) Program of Record (POR) which has been supporting overseas contingency operations for over 19 years, well beyond the standard 3 to 6 years of useful electronic equipment life. NXGBCC supports all three objectives of the National Defense to increase lethality, enhance International Cooperation, and improve business practices. NXGBCC initiates the data flow to the DoD Authoritative Biometrics Identification System (ABIS) and Military Intelligence systems. NXGBCC consists of an expeditionary biometric data management system called the Local Trusted Source (LTS), biometric static collection kits with palm and credential badge capability, and biometric mobile collection kits. NXGBCC will tactically collect, match, store, reference, and share biometric signatures and contextual data while providing data analysis capability at all echelons; enabling forces in competition, armed conflict, and re-competing in a Multi-Domain Operations (MDO) environment. NXGBCC processes Enemy Prisoners of War (EPWs), Displaced Persons, and Refugees. It also assists Operations in the Support in Consolidation Areas. NXGBCC enables commanders to protect their force, deny enemy movement, increase freedom of maneuver, protect civilian populations, manage detainees identities, and to defeat near-peer unconventional threats. FY 2020 funding for NXGBCC previously reflected in project B17 was moved to project FL5.

Identity Intelligence Analytic Repository (I2AR) will serve as an analytical tool to produce, manage, and disseminate the DoD Biometrically Enabled Watchlist (BEWL) as well as extend opportunities for system and data integration with enhanced analytic data sharing across the Army and Intelligence Community (IC) partners. Analysts will use I2AR to conduct analysis and develop intelligence reports, in support of DoD and national community missions. I2AR will include the legacy Biometrics Identity Intelligence Resource (BI2R) functionality as well as elasticity, encryption, and open source software for enduring interoperability with DoD, IC, and external partners.

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

	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
<b>Title:</b> Army G2 Projects - B17	2.214	2.214	-
<b>Description:</b> 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).			
<b>FY 2020 Plans:</b> Funds support I2AR.			
<b>FY 2020 to FY 2021 Increase/Decrease Statement:</b> FY 2021 RDT&E funding elimination reflects dollars supporting other Army requirements.			
<b>Title:</b> Next Generation Biometrics Collection Capability (NXGBCC) transitions to FL5 in FY20	4.310	-	-

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2021 Army		<b>Date:</b> February 2020
<b>Appropriation/Budget Activity</b> 2040 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0307665A / <i>Biometrics Enabled Intelligence</i>	<b>Project (Number/Name)</b> B17 / <i>Biometrics Enabled Intelligence - MIP</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
<b>Description:</b> The Next Generation Biometric Collection Capability (NXGBCC) system is the replacement for the Biometrics Automated Toolset ? Army (BAT-A) system Program of Record (POR) for tactical biometrics collection capability.			
<b>Accomplishments/Planned Programs Subtotals</b>	6.524	2.214	-

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

N/A

**Remarks**

**D. Acquisition Strategy**

The \$2.214 million of FY 2020 OCO funding in B17 will complete 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).

The NXGBCC acquisition strategy is to leverage the limited development of mature commercial technology to meet NXGBCC's collect, store, match, analyze, and share requirements and interface with the Biometric Family of Systems. The program office is using the Other Transaction Agreement (OTA) competitive prototyping process to down-select to the best biometric prototype solution. Upon OTA completion, NXGBCC will conduct the Initial Operational Test, procurement, fielding, and sustainment of NXGBCC.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2021 Army** **Date:** February 2020

<b>Appropriation/Budget Activity</b> 2040 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0307665A / <i>Biometrics Enabled Intelligence</i>	<b>Project (Number/Name)</b> B17 / <i>Biometrics Enabled Intelligence - MIP</i>
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<b>Management Services (\$ in Millions)</b>				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 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 Management Services	C/Various	TBD : TBD	12.921	-		-		-		-		-	0.000	12.921	-
<b>Subtotal</b>			12.921	-		-		-		-		-	0.000	12.921	N/A

<b>Product Development (\$ in Millions)</b>				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 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			
Base Products Development	C/IDIQ	Various : TBD	55.034	2.214	Mar 2019	2.214		-		-		-	0.000	59.462	-
Product Development	TBD	ACC / Picatinny : New Jersey	2.537	4.310	Jan 2019	-		-		-		-	0.000	6.847	-
<b>Subtotal</b>			57.571	6.524		2.214		-		-		-	0.000	66.309	N/A

**Remarks**  
Contract will use an Other Transaction Agreement (OTA) for product selection.

<b>Support (\$ in Millions)</b>				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 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 and Other Support Costs	Various	Various : Various	20.102	-		-		-		-		-	0.000	20.102	-
<b>Subtotal</b>			20.102	-		-		-		-		-	0.000	20.102	N/A

<b>Test and Evaluation (\$ in Millions)</b>				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 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			
IA, T&E, Threat Assessment,	Various	Various : TBD	5.066	-		-		-		-		-	0.000	5.066	-

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2021 Army** **Date:** February 2020

<b>Appropriation/Budget Activity</b> 2040 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0307665A / <i>Biometrics Enabled Intelligence</i>	<b>Project (Number/Name)</b> B17 / <i>Biometrics Enabled Intelligence - MIP</i>
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<b>Test and Evaluation (\$ in Millions)</b>				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 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			
Interoperability Certifications															
<b>Subtotal</b>			5.066	-		-		-		-		-	0.000	5.066	N/A
<b>Project Cost Totals</b>			95.660	6.524		2.214		-		-		-	0.000	104.398	N/A

**Remarks**  
Prior years are mostly associated with the termination of the Joint Personnel Identification Version 2 (JPIv2) project.

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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2021 Army</b>		<b>Date:</b> February 2020
<b>Appropriation/Budget Activity</b> 2040 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0307665A / <i>Biometrics Enabled Intelligence</i>	<b>Project (Number/Name)</b> B17 / <i>Biometrics Enabled Intelligence - MIP</i>

Event Name	FY 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025			
	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>Army G2 Projects</b>																												
Product Development	[Redacted]																											
	PD																											
FY18 Operational Test & Evaluation	[Redacted]																											
	FY18 OT&E																											
FY20 Product Development					[Redacted]																							
					FY20 PD																							
FY20 Systems Test & Evaluation									[Redacted]																			
									FY20 ST&E																			
FY20 Operational Test & Evaluation													[Redacted]															
													FY20 OT&E															
FY22 Product Development													[Redacted]															
													FY22 PD															
FY22 Systems Test & Development																	[Redacted]											
																	FY22 ST&E											
FY22 Operational Test & Evaluation																	[Redacted]											
																	FY22 OT&E											
FY24 Product Development																					[Redacted]							
																					FY24 PD							
FY24 Systems Test & Development																									[Redacted]			
																									FY24 ST&E			
FY24 Operational Test & Development																									[Redacted]			
																									FY24 DT&E			
<b>Next Generation Biometric Collection Capability (NXGBCC)</b>																												

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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2021 Army</b>		<b>Date:</b> February 2020
<b>Appropriation/Budget Activity</b> 2040 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0307665A / <i>Biometrics Enabled Intelligence</i>	<b>Project (Number/Name)</b> B17 / <i>Biometrics Enabled Intelligence - MIP</i>

Event Name	FY 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025			
	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>NXGBCC Program Planning</b>																												
AROC CDD Signed	█																											
	CDD																											
Other Transaction Agreement - Phase 1	█																											
	OTA - 1																											
Other Transaction Agreement - Phase 2	█																											
	OTA - 2																											
Initial Operational Test					█																							
					IOT																							
Milestone-C					▲																							
					MS-C																							
Procurement - OTA					█																							
					OTA - Proc																							
New Equipment Training & Fielding					█				█				█				█				█				█			
					NET																							
Initial Operational Capability									▲																			
									IOC																			
Full Operational Capability																					▲							
																					FOC							

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2021 Army		<b>Date:</b> February 2020
<b>Appropriation/Budget Activity</b> 2040 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0307665A / <i>Biometrics Enabled Intelligence</i>	<b>Project (Number/Name)</b> B17 / <i>Biometrics Enabled Intelligence - MIP</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Acquisition Decision Memorandum	4	2015	4	2015
Systems Requirements Review	2	2013	2	2013
Technical Assessment	3	2014	3	2014
Operational Assessment (Technical Report)	1	2015	1	2015
Contract Closeout	2	2015	2	2015
PM JPlv2 Closeout	2	2015	1	2016
Army G2 Projects	1	2017	1	2025
Product Development	1	2017	3	2019
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	2	2019
FY20 Product Development	1	2020	3	2020
FY20 Systems Test & Evaluation	3	2020	4	2021
FY20 Operational Test & Evaluation	4	2020	4	2021
FY22 Product Development	1	2022	3	2022
FY22 Systems Test & Development	3	2022	4	2023
FY22 Operational Test & Evaluation	4	2022	4	2024
FY24 Product Development	1	2024	3	2024
FY24 Systems Test & Development	3	2024	4	2025
FY24 Operational Test & Development	4	2024	4	2025
Next Generation Biometric Collection Capability (NXGBCC)	1	2018	1	2032

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**Exhibit R-4A, RDT&E Schedule Details:** PB 2021 Army **Date:** February 2020

<b>Appropriation/Budget Activity</b> 2040 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0307665A / <i>Biometrics Enabled Intelligence</i>	<b>Project (Number/Name)</b> B17 / <i>Biometrics Enabled Intelligence - MIP</i>
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Events	Start		End	
	Quarter	Year	Quarter	Year
NXGBCC Program Planning	1	2018	4	2019
MDD	4	2016	4	2016
AoA Report	1	2018	3	2018
AROC CDD Signed	3	2018	4	2019
Other Transaction Agreement - Phase 1	4	2018	1	2019
Other Transaction Agreement - Phase 2	2	2019	3	2020
Initial Operational Test	4	2019	3	2020
Milestone-C	2	2020	2	2020
Procurement - OTA	3	2020	3	2021
New Equipment Training & Fielding	3	2020	2	2025
Initial Operational Capability	3	2021	3	2021
Full Operational Capability	3	2024	3	2024

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2021 Army										<b>Date:</b> February 2020		
<b>Appropriation/Budget Activity</b> 2040 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0307665A / <i>Biometrics Enabled Intelligence</i>				<b>Project (Number/Name)</b> FL5 / <i>Next Gen Biometric Collection Capability (MIP)</i>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021 Base</b>	<b>FY 2021 OCO</b>	<b>FY 2021 Total</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
FL5: <i>Next Gen Biometric Collection Capability (MIP)</i>	-	0.000	2.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	2.000
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**Note**

Project FL5 was previously funded in Project B17.

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

The Next Generation Biometric Collection Capability (NXGBCC) is the replacement for the Biometrics Automated Toolset - Army (BAT-A) Program of Record (POR) which has been supporting overseas contingency operations for over 19 years, well beyond the standard 3 to 6 years of useful electronic equipment life. NXGBCC supports all three objectives of the National Defense to increase lethality, enhance International Cooperation, and improve business practices. NXGBCC initiates the data flow to the DoD Authoritative Biometrics Identification System (ABIS) and Military Intelligence systems. NXGBCC consists of an expeditionary biometric data management system called the Local Trusted Source (LTS), biometric static collection kits with palm and credential badge capability, and biometric mobile collection kits. NXGBCC will tactically collect, match, store, reference, and share biometric signatures and contextual data while providing data analysis capability at all echelons; enabling forces in competition, armed conflict, and re-competing in a Multi-Domain Operations (MDO) environment. NXGBCC processes Enemy Prisoners of War (EPWs), Displaced Persons, and Refugees. It also assists Operations in the Support in Consolidation Areas. NXGBCC enables commanders to protect their force, deny enemy movement, increase freedom of maneuver, protect civilian populations, manage detainees identities, and to defeat near-peer unconventional threats. FY 2020 funding for NXGBCC previously reflected in project B17 was moved to project FL5.

**Justification:**

Prior year funding for NXGBCC was previously included within project B17. For FY 2020, NXGBCC funding is now reflected within project FL5. The \$2.000 million of FY 2020 Base Funding in FL5 will complete the prototype selection process via the Other Transaction Agreement (OTA) started in FY 2018. The program office will complete operational testing, interoperability testing, and New Equipment Training (NET) development.

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

	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
<b>Title:</b> Next Generation Biometric Collection Capability	-	2.000	-
<b>Description:</b> NXGBCC is the replacement for BAT-A Program of Record (POR) for tactical biometrics collection capability.			
<b>FY 2020 Plans:</b>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2021 Army		<b>Date:</b> February 2020		
<b>Appropriation/Budget Activity</b> 2040 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0307665A / <i>Biometrics Enabled Intelligence</i>	<b>Project (Number/Name)</b> FL5 / <i>Next Gen Biometric Collection Capability (MIP)</i>		
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
<p>The \$2.0 million of FY 2020 Base Funding completes the Other Transaction Agreement (OTA) process to down-select the prototypes from commercial vendors to the best system that meets Army requirements. Also, the program will begin NXGBCC testing and New Equipment Training development.</p> <p><b><i>FY 2020 to FY 2021 Increase/Decrease Statement:</i></b>  FY 2020 RDT&amp;E Base funding reflects the final year the program will receive development dollars for the OTA, testing, and New Equipment Training (NET).</p>				
<b>Accomplishments/Planned Programs Subtotals</b>		-	2.000	-
<b>C. Other Program Funding Summary (\$ in Millions)</b>				
N/A				
<b>Remarks</b>				
N/A				
<b>D. Acquisition Strategy</b>				
<p>The Next Generation Biometric Collection Capability (NXGBCC) acquisition strategy is to leverage the limited development of mature commercial technology to meet NXGBCC's collect, store, match, analyze, and share requirements and interface with the Biometric Family of Systems. The program office is using the Other Transaction Agreement (OTA) competitive prototyping process to down-select to the best biometric prototype solution. Upon OTA completion, NXGBCC will conduct the Initial Operational Test, procurement, fielding and sustainment of NXGBCC.</p>				

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2021 Army** **Date:** February 2020

<b>Appropriation/Budget Activity</b> 2040 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0307665A / <i>Biometrics Enabled Intelligence</i>	<b>Project (Number/Name)</b> FL5 / <i>Next Gen Biometric Collection Capability (MIP)</i>
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<b>Product Development (\$ in Millions)</b>				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 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			
Field Prototype Development	TBD	ACC / Picatinny : New Jersey	-	-		1.880		-		-		-	0.000	1.880	-
<b>Subtotal</b>			-	-		1.880		-		-		-	0.000	1.880	N/A

**Remarks**  
FY20 funding will complete the Other Transaction Agreement started in FY18.

<b>Support (\$ in Millions)</b>				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 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			
New Equipment Development Training	TBD	DDSIT : Arizona	-	-		0.090	Feb 2020	-		-		-	0.000	0.090	-
<b>Subtotal</b>			-	-		0.090		-		-		-	0.000	0.090	N/A

**Remarks**  
The \$90K identified in FY20 will allow the Directorate of Doctrine and Intelligence Systems Training (DDIST) to begin NXGBCC new equipment training (NET) development. The tasks which DDIST will initiate includes providing doctrinal and regulatory training requirements, developing programs of instruction, and training data collection plans.

<b>Test and Evaluation (\$ in Millions)</b>				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 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			
Operational and Interoperability Testing	TBD	TBD : TBD	-	-		0.030	Mar 2020	-		-		-	0.000	0.030	-
<b>Subtotal</b>			-	-		0.030		-		-		-	0.000	0.030	N/A

**Remarks**  
Initial Operational and Interoperability Testing will conclude in FY20.





**UNCLASSIFIED**

<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2021 Army		<b>Date:</b> February 2020
<b>Appropriation/Budget Activity</b> 2040 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0307665A / <i>Biometrics Enabled Intelligence</i>	<b>Project (Number/Name)</b> FL5 / <i>Next Gen Biometric Collection Capability (MIP)</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Next Generation Biometric Collection Capability (NXGBCC)	1	2018	1	2032
NXGBCC Program Planning	1	2018	4	2019
AoA Report	1	2018	3	2018
AROC CDD Signed	3	2018	4	2019
Other Transaction Agreement - Phase 1	4	2018	1	2019
Other Transaction Agreement - Phase 2	2	2019	3	2020
Initial Operational Test	4	2019	3	2020
Milestone-C	2	2020	2	2020
Procurement - OTA	3	2020	3	2021
New Equipment Training & Fielding	2	2020	2	2025
Initial Operational Capability	3	2021	3	2021
Full Operational Capability	3	2024	3	2024