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

Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0605233A / <i>Accessions Information Environment (AIE)</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	-	-	-	18.790	-	18.790	-	-	-	-	-	-
CP8: <i>Accessions Information Environment (AIE)</i>	-	-	-	18.790	-	18.790	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

Accessions Information Environment (AIE): In FY22, PE 0605233A is a new setup. Previous year, AIE was established within PE0605013A (FL9). AIE supports the Army's Accessions Enterprise (AE). AIE aligns authorities, responsibilities, and resources, for Total Army accessions. It provides the Army's strength through its four missions: (1) Enlist Soldiers, (2) Commission Officers, (3) Fulfill In-Service requirements, and (4) Support and sustain. AIE will replace 11 legacy systems with 33 modules of the current legacy Accessions IT systems which have experienced frequent outages and unstable performance, directly impairing the Army's ability to make its recruiting mission. Successful implementation is of utmost priority for the enterprise. AIE is a critical Army modernization effort to re-engineer the business processes for Army Accessions and to ensure the Army can acquire the best qualified talent, meet manning requirements and readiness objectives. Ultimately, the delivery of AIE will provide an enterprise level capability for recruiting Army Soldiers across all components, enabling transparent and efficient workforce accessions. AIE is a COTS-based information technology (IT) software system that will modernize the AE. Key AIE functions / core capabilities include: lead generation & management, prospecting, interviewing, processing, pay & incentives, intelligence, marketing, training / leader development. This effort will ultimately ensure the accessions workforce has the information needed to engender commitments, lead future Soldiers, and engage communities in direct contact with young Americans.

April 2019 the Program awarded an Other Transaction Authority (OTA) Firm Fixed Price agreement with defined milestone payments based on technical performance achievements. Configuration of core capabilities expand over 36 months ultimately being deployed to 24,000+ end users. Through fact of life changes and performance of the solution provider, in September 2020 the configuration of the OTA was extended over 51 months keeping the funding requirements the same but adding schedule. The foundational and Wave 1 capabilities, cloud networking capabilities, lead generation and management, prospecting, interviewing, and processing, will be delivered 4QFY21. The FY 2022 requested budget amounts support the program prototyping efforts for the Wave 2 and Wave 3 design, development, testing, and deployment. Additionally, the budget supports software licensing, cloud hosting applications, data storage, and deploying additional functionality to Wave 1 capabilities, pay and incentives, intelligence, and marketing capabilities.

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Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0605233A / <i>Accessions Information Environment (AIE)</i>
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B. Program Change Summary (\$ in Millions)	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	18.790	-	18.790
Total Adjustments	0.000	0.000	18.790	-	18.790
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	18.790	-	18.790

Change Summary Explanation

In FY2021, AIE was established within PE 0605013A / Information Technology Development / FL9 / Army Accessioning IT Development. With the fact of life changes in FY2020, the program found efficiencies and tradeoffs to maintain its funding requirements for the configuration of the AIE Solution in whole. The program execution in FY2022 will utilize the planned funding for requirements planned with the onset of the program and planned funding for FY2022. The difference between the original FY2021 & FY2022 planned requirements is the core of development for capabilities were to shift towards Development Complete in FY2022. Through the fact of life changes and contractor performance, Development Complete will occur in FY2023.

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Army										Date: May 2021		
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0605233A / <i>Accessions Information Environment (AIE)</i>				Project (Number/Name) CP8 / <i>Accessions Information Environment (AIE)</i>			
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
CP8: <i>Accessions Information Environment (AIE)</i>	-	-	-	18.790	-	18.790	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Accessions Information Environment (AIE): In FY22, PE 0605233A is a new setup. Previous year, AIE was established within PE0605013A (FL9). AIE supports the Army's Accessions Enterprise (AE). AIE aligns authorities, responsibilities, and resources, for Total Army accessions. It provides the Army's strength through its four missions: (1) Enlist Soldiers, (2) Commission Officers, (3) Fulfill In-Service requirements, and (4) Support and sustain. AIE will replace 11 legacy systems with 33 modules of the current legacy Accessions IT systems which have experienced frequent outages and unstable performance, directly impairing the Army's ability to make its recruiting mission. Successful implementation is of utmost priority for the enterprise. AIE is a critical Army modernization effort to re-engineer the business processes for Army Accessions and to ensure the Army can acquire the best qualified talent, meet manning requirements and readiness objectives. Ultimately, the delivery of AIE will provide an enterprise level capability for recruiting Army Soldiers across all components, enabling transparent and efficient workforce accessions. AIE is a COTS-based information technology (IT) software system that will modernize the AE. Key AIE functions / core capabilities include: lead generation & management, prospecting, interviewing, processing, pay & incentives, intelligence, marketing, training / leader development. This effort will ultimately ensure the accessions workforce has the information needed to engender commitments, lead future Soldiers, and engage communities in direct contact with young Americans.

April 2019 the Program awarded an Other Transaction Authority (OTA) Firm Fixed Price agreement with defined milestone payments based on technical performance achievements. Configuration of core capabilities expand over 36 months ultimately being deployed to 24,000+ end users. Through fact of life changes and performance of the solution provider, in September 2020 the configuration of the OTA was extended over 51 months keeping the funding requirements the same but adding schedule. The foundational and Wave 1 capabilities, cloud networking capabilities, lead generation and management, prospecting, interviewing, and processing, will be delivered 4QFY21. The FY 2022 requested budget amounts support the program prototyping efforts for the Wave 2 and Wave 3 design, development, testing, and deployment. Additionally, the budget supports software licensing, cloud hosting applications, data storage, and deploying additional functionality to Wave 1 capabilities, pay and incentives, intelligence, and marketing capabilities.

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

	FY 2020	FY 2021	FY 2022
Title: Accessions Information Environment (AIE)	-	-	18.790
Description: AIE will provide a fully integrated enterprise level COTS-based capability enabling transparency, efficiency and effectiveness of the accessions workforce to acquire the best-qualified talent to meet Army recruiting and accessions requirements. It will ultimately replace the current legacy Accessions IT systems that have been in existence for over 30 years, and which have experienced frequent outages and unstable performance since FY 2018.			

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Army		Date: May 2021
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605233A / <i>Accessions Information Environment (AIE)</i>	Project (Number/Name) CP8 / <i>Accessions Information Environment (AIE)</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2020	FY 2021	FY 2022
<p>April 2019 the Program awarded an Other Transaction Authority (OTA) Firm Fixed Price agreement with defined milestone payments based on technical performance achievements. Configuration of core capabilities expand over 36 months ultimately being deployed to 24,000+ end users. Through fact of life changes and performance of the solution provider, in September 2020 the configuration of the OTA was extended over 51 months keeping the funding requirements the same but adding schedule. The foundational and Wave 1 capabilities, cloud networking capabilities, lead generation and management, prospecting, interviewing, and processing, will be delivered 4QFY21.</p> <p>FY 2022 Plans: In FY 2022, prototyping efforts will be at the height of work efforts under the DoD 5000.75 Acquisition, Testing and Deployment phase for Wave 2 and Wave 3 design, development, testing, software licensing, cloud hosting applications, and data storage to add additional functionality to Wave 1 capabilities, pay and incentives, intelligence, and marketing.</p> <p>FY 2021 to FY 2022 Increase/Decrease Statement: The difference between the original FY2021 & FY2022 planned requirements is the core of development for capabilities were to shift towards Development Complete in FY2022. Through the fact of life changes and contractor performance, Development Complete will occur in FY2023.</p>			
Accomplishments/Planned Programs Subtotals	-	-	18.790

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
• B45015: <i>ACCESSIONS INFORMATION ENVIRONMENT</i>	-	-	44.635	-	44.635	-	-	-	-	-	-
• FL9: <i>Army Accessioning IT Development</i>	29.992	36.986	5.436	-	5.436	-	-	-	-	-	-
• BE4164: <i>PERSONNEL AUTOMATION SYSTEMS</i>	55.650	69.290	43.229	-	43.229	-	-	-	-	-	-
• OMA - OMA/331715000/AIE: <i>Sustainment Support & CivPay</i>	-	-	14.596	-	14.596	-	-	-	-	-	-

Remarks
 Note: Items referenced above correspond to the following data points:
 1) B45015 represents new OPA line for planned execution FY22 - FY26 to support fielding efforts, Commercial off the Shelf (COTS) Software Licenses and Training.
 2) FL9 - RDTE/0605013A represents prior planned execution within (FY20 & FY21). Data listed in FY22 and beyond does not belong to AIE.
 3) BE4164 - OPA2/BD300/BE4164 represents prior planned execution within (FY20: \$8.873, FY21: \$33.366). Data listed in FY22 and beyond does not belong to AIE.

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Army		Date: May 2021
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C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u> <u>Base</u>	<u>FY 2022</u> <u>OCO</u>	<u>FY 2022</u> <u>Total</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
4) OMA/33171500/AIE represents Other, Maintenance Army (OMA) execution FY22 - FY26.											

D. Acquisition Strategy

Accessions Information Environment (AIE):

AIE is following the tailored Acquisition process for Defense Business Systems (DBS) in accordance with DoD 5000.75 and is currently designated as a Business System Category (BCAT) I program. AIE is acquiring a COTS solution (application hosting) to support the Army's Accessions Enterprise requirements. A competitive prototype contract was awarded on 30 April 2019 to execute the pilot phase. The prototyping efforts will result in capability to be delivered in waves:

Infrastructure & Application Pilot (Wave 1): (FY2020-FY2021) Includes foundational operational capabilities (commercial cloud & network capabilities, initial data migration from legacy systems, critical interfaces, and defined data models) and provides initial functional capability (Lead Generation/Management, Prospecting, Interviewing, and Processing) to up to 344 Early Adopters as well as 717 operational users at 4 sites

Wave 2: (FY2022) Provides additional capability (Pay & Incentives and Intelligence) to an additional 1942 users at 15 additional locations Wave 3: (FY2022) Provides additional capability (Marketing) to an additional 6466 users at 35 additional locations

Wave 4: (FY2023) Provides additional capability (Training/Leader Development) to an additional 8238 users at 43 additional locations

Wave 5: (FY2023) Provides full capability to all remaining users (7373) at all remaining locations (47)

At the completion of each Wave, new capabilities will be made available to all previously fielded users through the use of Delta training packages sent to the commands.

At the conclusion of all Waves, AIE will deliver the Lead Generation & Management, Prospecting, Interviewing, Processing, Pay & Incentives, Intelligence, Marketing, and Training /Leader Development capabilities to support the Army's Accessions mission. Capabilities will be delivered using an agile methodology.

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

Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605233A / <i>Accessions Information Environment (AIE)</i>	Project (Number/Name) CP8 / <i>Accessions Information Environment (AIE)</i>
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Management Services (\$ in Millions)				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			
AIE - Management Services	C/FFP	Chenega Decision Services : Lorton, VA	-	-		-		1.383	Jun 2022	-		1.383	0.000	1.383	7.288
Subtotal			-	-		-		1.383		-		1.383	0.000	1.383	N/A

Product Development (\$ in Millions)				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			
AIE - COTS Based Solution Configuration and Development	C/FFP	Booz Allen Hamilton : Herdon, VA	-	-		-		13.848	Apr 2022	-		13.848	0.000	13.848	75.510
Subtotal			-	-		-		13.848		-		13.848	0.000	13.848	N/A

Support (\$ in Millions)				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			
AIE - Cybersecurity - RMF, FedRAMP, ATO (IA/RMF Support)	TBD	TBD : TBD	-	-		-		1.579	Oct 2021	-		1.579	0.000	1.579	3.861
Subtotal			-	-		-		1.579		-		1.579	0.000	1.579	N/A

Test and Evaluation (\$ in Millions)				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			
AIE - Testing, Operational and Developmental Support (ATEC/JITC)	MIPR	ATEC/JITC : Various	-	-		-		1.980	Jan 2022	-		1.980	0.000	1.980	15.929
Subtotal			-	-		-		1.980		-		1.980	0.000	1.980	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Army								Date: May 2021			
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	Prior Years	FY 2020	FY 2021		FY 2022 Base	FY 2022 OCO		FY 2022 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	-	0.000		18.790	-		18.790	0.000	18.790	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2022 Army		Date: May 2021
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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
AIE - Requirments & Acq Planning/AIE Infrastructure & Application	Pilot Wave 1																											
AIE - Acquisition, Testing and Deployment																												
AIE - Limited Deployment ATP (LD ATP)													1 LD ATP															
AIE - Full Deployment (FD)													2 FD															
AIE - Capability Support ATP (CS ATP)													3 Capability Support ATP															
AIE - Capability Support & Enhancements																												

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

Events	Start		End	
	Quarter	Year	Quarter	Year
AIE - Requirments & Acq Planning/AIE Infrastructure & Application Pilot (Wave 1)	3	2019	4	2021
AIE - Acquisition, Testing and Deployment	4	2021	3	2023
AIE - Limited Deployment ATP (LD ATP)	2	2022	2	2022
AIE - Full Deployment (FD)	2	2023	2	2023
AIE - Capability Support ATP (CS ATP)	3	2023	3	2023
AIE - Capability Support & Enhancements	3	2023	3	2033