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Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Army **Date:** April 2022

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 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	-	-	16.790	13.647	-	13.647	13.636	11.879	9.616	7.066	0.000	72.634
CP8: <i>Accessions Information Environment (AIE)</i>	-	-	16.790	13.647	-	13.647	13.636	11.879	9.616	7.066	0.000	72.634

A. Mission Description and Budget Item Justification

AIE supports the Army recruiter's mission to find, manage, and enlist recruits. 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. 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.

Accessions Information Environment's (AIE's) RDT&E funding line transitioned to APE 655233CP8 in FY22. Prior to FY22, AIE's RDT&E APE was 655013FL9. AIE's OPA line also transitioned in FY22, from APE BE4164000 to B45015000.

FY 2023 RDT&E funding supports iterative design configuration for AIE Solution, including requirements analysis, business process reengineering, interface development, integration, cybersecurity, systems engineering, developer and test software licenses, Test & Evaluation, Cloud Hosting, and ongoing analysis of potential alternatives to support solution requirements. AIE FY23 RDT&E funded activity is critical in that it supports the deployment of the AIE system to the first wave of users.

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B. Program Change Summary (\$ in Millions)	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Previous President's Budget	0.000	18.790	0.000	-	0.000
Current President's Budget	0.000	16.790	13.647	-	13.647
Total Adjustments	0.000	-2.000	13.647	-	13.647
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-2.000			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	13.647	-	13.647

Change Summary Explanation

Fiscal Year 2023 (FY23) funding increase reflects the fact that the FY22 President's Budget request did not include out-year funding.

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Army										Date: April 2022		
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 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
CP8: <i>Accessions Information Environment (AIE)</i>	-	-	16.790	13.647	-	13.647	13.636	11.879	9.616	7.066	0.000	72.634
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

AIE supports the Army recruiter's mission to find, manage, and enlist recruits. 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. 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.

FY 2023 RDT&E funding supports iterative design configuration for AIE Solution, including requirements analysis, business process reengineering, interface development, integration, cybersecurity, systems engineering, developer and test software licenses, Test & Evaluation, Cloud Hosting, and ongoing analysis of potential alternatives to support solution requirements. AIE FY23 RDT&E funded activity is critical in that it supports the deployment of the AIE system to the first wave of users.

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

	FY 2021	FY 2022	FY 2023
Title: Accessions Information Environment (AIE)	-	16.177	13.647
<p>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 FY18.</p> <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 will be ultimately deployed to 24,000+ end users. Through fact of life changes and performance of the solution provider, Wave 1 capability configuration has extended through FY22, utilizing current funding thresholds but adding future costs and schedule to complete full configuration of requirements.</p>			

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Army		Date: April 2022
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 2021	FY 2022	FY 2023
<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 2023 Plans: FY 2023 RDT&E funding supports iterative design configuration for AIE Solution, including requirements analysis, business process reengineering, interface development, integration, cybersecurity, systems engineering, developer and test software licenses, Test & Evaluation, Cloud Hosting, and ongoing analysis of potential alternatives to support solution requirements. AIE FY23 RDT&E funded activity is critical in that it supports the deployment of the AIE system to the first wave 12,107 end users.</p> <p>FY 2022 to FY 2023 Increase/Decrease Statement: Funding decrease reflects AIE's development schedule.</p>			
<p>Title: FY22 SBIR/STTR Transfer</p> <p>FY 2022 Plans: FY22 SBIR/STTR Transfer</p> <p>FY 2022 to FY 2023 Increase/Decrease Statement: FY22 SBIR/STTR Transfer</p>	-	0.613	-
Accomplishments/Planned Programs Subtotals	-	16.790	13.647

C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023 Base</u>	<u>FY 2023 OCO</u>	<u>FY 2023 Total</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• B45015: <i>ACCESSIONS INFORMATION ENVIRONMENT</i>	-	39.635	43.767	-	43.767	-	-	-	-	0.000	83.402
• OMA - OMA/331715000/AIE: <i>Sustainment Support & CivPay</i>	-	14.596	63.047	-	63.047	60.503	62.417	63.047	70.100	Continuing	Continuing

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) OMA/33171500/AIE represents Other, Maintenance Army (OMA) execution FY22 - FY27.

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D. Acquisition Strategy

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 and software as a service) to support the Army's Accessions Enterprise requirements. A competitive prototype contract was awarded on 30 April 2019 to execute the pilot phase.

AIE has transitioned from a 5 wave deployment plan to a 4 wave deployment plan. The new acquisition strategy is summarized as follows:

FY23 (Wave 1) - Complete development of the AIE system in preparation for deployment to first wave of users. The AIE system will be deployed to a small group of pilot users in FY22, defects will be tracked and addressed, and additional key capabilities will be added to the system in FY23. The AIE system will be deployed to Wave 1 users in FY23. The user base planned for FY23 includes US Army Recruiting Command (USAREC), Army National Guard (ARNG), and Center for Initial Military Training (CIMT). 12,107 users are scheduled for onboarding in FY23.

FY24 (Wave 2) - Development of the AIE system continues with addition of key capabilities. Exact capabilities depend on development status in FY24, but likely to be Pay & Incentives/Intelligence. The user base planned for FY24 also includes US Army Recruiting Command (USAREC), Army National Guard (ARNG), and Center for Initial Military Training (CIMT). An additional 8072 users are scheduled for onboarding in FY24.

FY25 (Wave 3) - Development of the AIE system continues with additional of more key capabilities. Exact capabilities depend on development status in FY25, but likely to be Training/Leader Development. The targeted user base in FY25 is USAREC Army Medical Department (AMEDD)/Special Operations Recruiting Battalion (SORB)/Chaplain (CHAP). An additional 1318 users are scheduled for onboarding in FY25.

FY26 (Wave 4) - Final year of planned full development work for AIE. All key capabilities should be online at this point; development effort is "cleanup" focused. Goal is to address any remaining defects, refine key capabilities, and deploy AIE to remaining users. The targeted user base in FY26 is US Army Cadet Command (USACC). An additional 3513 users are scheduled for onboarding in FY26.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Army **Date:** April 2022

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Management Services (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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	-	-		0.770	Jun 2022	0.969	Jun 2023	-		0.969	0.000	1.739	7.288
SBIR/STTR Transfer	TBD	TBD : TBD	-	-		0.613		-		-		-	0.000	0.613	-
Subtotal			-	-		1.383		0.969		-		0.969	0.000	2.352	N/A

Product Development (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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	-	-		11.848	Apr 2022	10.184	Apr 2023	-		10.184	0.000	22.032	75.510
Subtotal			-	-		11.848		10.184		-		10.184	0.000	22.032	N/A

Support (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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	TBD	TBD : TBD	-	-		1.579	Oct 2021	1.107	Oct 2022	-		1.107	0.000	2.686	3.861
Subtotal			-	-		1.579		1.107		-		1.107	0.000	2.686	N/A

Test and Evaluation (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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	MIPR	ATEC/JITC : Various	-	-		1.980	Jan 2022	1.387	Jan 2023	-		1.387	0.000	3.367	15.929
Subtotal			-	-		1.980		1.387		-		1.387	0.000	3.367	N/A

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Exhibit R-4, RDT&E Schedule Profile: PB 2023 Army			Date: April 2022		
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Event Name	FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027									
	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						
Out of Service Enlisted Mission (Wave 1)	Wave 1																																	
In Service and Direct Commission Mission (Wave 2)													Wave 2																					
ROTC Mission (Wave 3)																	Wave 3																	
Cleanup Wave and Transition to Sustainment Contract (Wave 4)																											Wave 4							
User Acceptance Test							1 UAT																											
Acquisition ATP											2 ACQ ATP																							
Limited Deployment ATP (LD ATP)														3 LD ATP																				
Full Deployment (FD ATP)																											4 FD ATP							
Capability Support ATP (CS ATP)																												5 Capability S						

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Exhibit R-4A, RDT&E Schedule Details: PB 2023 Army		Date: April 2022
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Out of Service Enlisted Mission (Wave 1)	3	2019	4	2023
In Service and Direct Commission Mission (Wave 2)	1	2024	3	2026
ROTC Mission (Wave 3)	3	2025	3	2027
Cleanup Wave and Transition to Sustainment Contract (Wave 4)	1	2027	4	2027
User Acceptance Test	3	2022	3	2022
Acquisition ATP	2	2023	2	2023
Limited Deployment ATP (LD ATP)	4	2023	4	2023
Full Deployment (FD ATP)	2	2027	2	2027
Capability Support ATP (CS ATP)	4	2027	4	2027
Capability Support & Enhancements	1	2029	1	2039