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Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Army **Date:** March 2023

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 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
Total Program Element	-	16.177	10.088	27.361	-	27.361	27.942	29.138	25.325	11.699	0.000	147.730
CP8: <i>Accessions Information Environment (AIE)</i>	-	16.177	10.088	27.361	-	27.361	27.942	29.138	25.325	11.699	0.000	147.730

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 and 33 modules of the active Accessions IT systems that have been in existence for over 30 years. Legacy accessions systems have experienced frequent outages and unstable performance, directly impairing the Army's ability to complete 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 complete 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 accessions environment (AE). Key AIE functions/core capabilities include lead generation & management, prospecting, interviewing, processing, pay & incentives, intelligence, marketing, training/leader development. AIE deployment will leverage an agile approach versus the standard waterfall method.

FY 2024 RDT&E funding supports iterative design configuration for the AIE solution including requirements analysis, program management support, business process reengineering, interface development, integration, cybersecurity, systems engineering, developer and test software licenses, test and evaluation, and ongoing analysis of potential alternatives to support solution requirements. AIE FY 2024 RDT&E funded activity is critical in that it supports the deployment of the AIE system to the first and second wave of recruiters.

In FY 2022, Accessions Information Environment's (AIE's) RDT&E funding line transitioned to PE 0605233A Accessions Information Environment (AIE), CP8: Accessions Information Environment (AIE). Prior to FY 2022, AIE's RDT&E PE was 0605013A Information Technology Development, FL9: Army Accessioning IT Development. AIE's OPA line also transitioned in FY 2022, from APE BE4164000 to B45015000.

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B. Program Change Summary (\$ in Millions)	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Previous President's Budget	16.790	13.647	13.636	-	13.636
Current President's Budget	16.177	10.088	27.361	-	27.361
Total Adjustments	-0.613	-3.559	13.725	-	13.725
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-3.559			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.613	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	13.725	-	13.725

Change Summary Explanation

The increase in FY 2024 RDT&E is a result of a change to the AIE deployment and development timeline. AIE's deployment plan is now phased across FY 2024-FY 2028. FY 2024 will be focused on Wave 1 and 2 development and configuration of additional AIE core capabilities and deployment if the initial AIE capability to Wave 1 recruiters. AIE will be deployed using an agile methodology versus the traditional waterfall approach.

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Exhibit R-2A, RDT&E Project Justification: PB 2024 Army										Date: March 2023		
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 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
CP8: <i>Accessions Information Environment (AIE)</i>	-	16.177	10.088	27.361	-	27.361	27.942	29.138	25.325	11.699	0.000	147.730
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

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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 complete 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 accessions environment (AE). Key AIE functions/core capabilities include lead generation & management, prospecting, interviewing, processing, pay & incentives, intelligence, marketing, training/leader development. AIE deployment will leverage an agile approach versus the standard waterfall method.

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In FY 2022, Accessions Information Environment's (AIE's) RDT&E funding line transitioned to PE 0605233A Accessions Information Environment (AIE), CP8: Accessions Information Environment (AIE). Prior to FY 2022, AIE's RDT&E PE was 0605013A Information Technology Development, FL9: Army Accessioning IT Development. AIE's OPA line also transitioned in FY 2022, from APE BE4164000 to B45015000.

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

	FY 2022	FY 2023	FY 2024
Title: Accessions Information Environment (AIE)	16.177	9.720	27.361
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 2024 Army		Date: March 2023
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 2022	FY 2023	FY 2024
<p>Program awarded an Other Transaction Authority (OTA) Firm Fixed Price agreement in April 2019 with defined milestone payments based on technical performance achievements. In late FY 2022, program transitioned to a cost-plus fixed fee approach. Configuration of core capabilities will be ultimately deployed to 25,000+ end users. Through fact of life changes and performance of the solution provider, Wave 1 capability configuration has extended through FY 2024, utilizing current funding thresholds but adding future costs and schedule to complete full configuration of requirements.</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, program management support, and ongoing analysis of potential alternatives to support solution requirements. AIE FY 2023 RDT&E funded activity is critical in that it supports the deployment of the AIE system to the first wave 12,107 recruiters in FY 2024.</p> <p>FY 2024 Plans: FY 2024 RDT&E funding supports iterative design configuration for the AIE solution including requirements analysis, business process reengineering, interface development, integration, cybersecurity, systems engineering, developer licenses, test and evaluation, and program management support. Key FY24 activity includes finishing Wave 1 development, deploying the Wave 1 AIE system to the operational environment, and beginning development of Wave 2 capabilities in support of planned Wave 2 deployment. A breakout of the \$27.361 million FY 2024 Base RDT&E is shown below.</p> <p>Management Services - \$3.458 million - Funds program management support services contract. Includes AIE acquisition, schedule, systems engineering, cost, budget, programmatic, and all other support required to run AIE's program office.</p> <p>COTS Based Solution and Development - \$23.081 million - Funds to be used for development and configuration of the AIE system. Includes funding for OTA through solution provider, developer software as a service licenses, and all other direct work required to build the AIE capability.</p> <p>Cybersecurity (RMF, FedRAMP, ATO) - \$0.422 million - Funding required to ensure AIE meets Army cybersecurity requirements. Also funds support agreements to complete SCA-V assessments.</p> <p>Testing, Operational, and Developmental Support - \$0.400 million - Funds support agreements with Army test support partners (ATEC/JITC).</p> <p>FY 2023 to FY 2024 Increase/Decrease Statement:</p>			

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Exhibit R-2A, RDT&E Project Justification: PB 2024 Army **Date:** March 2023

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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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2022	FY 2023	FY 2024
Increase in FY 2024 to account for AIE system development speed and meet deployment timeline goals. AIE is expected to replace 11 legacy systems and 33 modules that are operating at a minimal break/fix capability.			
Title: FY 2023 SBIR/STTR	-	0.368	-
Description: Funding transferred in accordance with Title 15 USC §638.			
FY 2023 Plans: Funding transferred in accordance with Title 15 USC §638.			
FY 2023 to FY 2024 Increase/Decrease Statement: Funding transferred in accordance with Title 15 USC §638.			
Accomplishments/Planned Programs Subtotals	16.177	10.088	27.361

C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
• B45000: <i>ACCESSIONS INFORMATION ENVIRONMENT (AIE)</i>	39.635	-	4.198	-	4.198	39.682	45.413	-	-	0.000	128.928
• OMA - OMA/331715000/ <i>AIE: Sustainment Support</i>	13.124	13.085	11.923	-	11.923	12.168	13.277	60.089	78.385	Continuing	Continuing

Remarks
 Note: Items referenced above correspond to the following data points:
 1) B45000 represents new OPA line for planned execution FY 2022 - FY 2026 to support system fielding efforts and training.
 2) OMA/33171500/AIE represents Other, Maintenance Army (OMA) execution FY 2022 - FY 2029.

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 approach uses an agile methodology.

Description of Waves:

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Exhibit R-2A, RDT&E Project Justification: PB 2024 Army		Date: March 2023
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<p>Wave 1 - Out of Service Enlisted Mission Wave 2 - In Service and Direct Commission Mission Wave 3 - ROTC Mission Wave 4 - AIE Support Functions and Cleanup Wave</p> <p>FY 2024 (Wave 1 (baseline capability) and 2) - 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 FY 2024, defects will be tracked and addressed, and additional key capabilities will be added to the system in FY 2024. Wave 1 to be deployed to operational environment (12,107 recruiters). The Wave 1 targeted user base includes US Army Recruiting Command (USAREC), Army National Guard (ARNG), and Center for Initial Military Training (CIMT).</p> <p>FY 2025 (Wave 2) - Development of the AIE system continues with addition of key Wave 2 capabilities (Pay & Incentives/Intelligence).</p> <p>FY 2026 (Waves 2 and 3) - Wave 2 to be deployed to operational environment (8,072 recruiters). The Wave 2 targeted user base includes US Army Recruiting Command (USAREC), Army National Guard (ARNG), and Center for Initial Military Training (CIMT). Development and configuration of key Wave 3 capabilities continues through FY26 (Training/Leader Development).</p> <p>FY 2027 (Wave 3 and 4) - Wave 3 to be deployed to operational environment (1,318 recruiters). The Wave 3 targeted user base includes USAREC Army Medical Department (AMEDD)/Special Operations Recruiting Battalion (SORB)/Chaplain (CHAP). Development and configuration of Wave 4 capabilities continues.</p> <p>FY 2028 (Wave 4) - Wave 4 to be deployed to operational environment. Wave 4 is a cleanup wave; any remaining requirements will be incorporated, and any remaining defects will be addressed. Wave 4 will be deployed to any other required users by the end of FY 2028, and it is estimated to be an additional 3,513 recruiters.</p>		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Army **Date:** March 2023

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Management Services (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 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	3.458	Jun 2024	-		3.458	0.000	5.197	7.288
FY 2023 SBIR/STTR Transfer	TBD	Various : Various	-	-		0.368		-		-		-	0.000	0.368	-
Subtotal			-	0.770		1.337		3.458		-		3.458	0.000	5.565	N/A

Product Development (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 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	6.257	Apr 2023	23.081	Nov 2023	-		23.081	0.000	41.186	75.510
Subtotal			-	11.848		6.257		23.081		-		23.081	0.000	41.186	N/A

Support (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 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	MIPR	AvMC SCA-V Support : TBD	-	1.579	Oct 2021	1.107	Oct 2022	0.422	Feb 2024	-		0.422	0.000	3.108	3.861
Subtotal			-	1.579		1.107		0.422		-		0.422	0.000	3.108	N/A

Test and Evaluation (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 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	0.400	Dec 2023	-		0.400	0.000	3.767	15.929
Subtotal			-	1.980		1.387		0.400		-		0.400	0.000	3.767	N/A

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Exhibit R-4, RDT&E Schedule Profile: PB 2024 Army		Date: March 2023
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Event Name	FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028							
	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)	[Blue bar spanning FY 2022 Q1-Q4, FY 2023 Q1-Q4, FY 2024 Q1-Q2]																															
In Service and Direct Commission Mission (Wave 2)									[Blue bar spanning FY 2024 Q3-Q4, FY 2025 Q1-Q4, FY 2026 Q1-Q4]																							
ROTC Mission (Wave 3)													[Blue bar spanning FY 2026 Q3-Q4, FY 2027 Q1-Q4]																			
AIE Support Functions and Cleanup Wave (Wave 4)																					[Blue bar spanning FY 2027 Q3-Q4, FY 2028 Q1-Q2]											
User Acceptance Test																																
Acquisition ATP																																
Limited Deployment ATP (LD ATP)																																
Full Deployment (FD ATP)																																
Capability Support ATP (CS ATP)																																
Capability Support & Enhancements																																

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Exhibit R-4A, RDT&E Schedule Details: PB 2024 Army		Date: March 2023
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Out of Service Enlisted Mission (Wave 1)	3	2019	4	2024
In Service and Direct Commission Mission (Wave 2)	1	2024	4	2026
ROTC Mission (Wave 3)	1	2026	4	2027
AIE Support Functions and Cleanup Wave (Wave 4)	2	2027	3	2028
User Acceptance Test	4	2023	4	2023
Acquisition ATP	4	2024	4	2024
Limited Deployment ATP (LD ATP)	1	2026	1	2026
Full Deployment (FD ATP)	2	2027	2	2027
Capability Support ATP (CS ATP)	3	2027	3	2027
Capability Support & Enhancements	3	2028	3	2038