Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Army	Date: March 2023
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army* / BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 Program Element (Number/Name)** PE 0604036A / *Multi-Domain Sensing System (MDSS) Adv Dev*

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	-	50.548	47.915	191.394	-	191.394	244.743	254.544	305.394	297.109	Continuing	Continuing
BY9: *Multi-Domain Sensing System Adv Dev*	-	50.548	47.915	-	-	-	244.743	254.544	305.394	297.109	Continuing	Continuing
DD6: *HADES Platform, Payloads/PED, and Integration*	-	-	-	191.394	-	191.394	-	-	-	-	0.000	191.394

Note

Starting in Fiscal Year (FY) 24, funding in project BY9 is restructured to project DD6. FY 25-28 funding will be justified in subsequent budgets to support the High Accuracy Detection and Exploitation System PoR on Project DD6. Project BY9 will remain to support future development and modernization of platform agnostic, MDSS sensor capabilities IAW future Army decisions.

A. Mission Description and Budget Item Justification

Project DD6 was a realignment of funds from BY9 and does not represent a new start. All Fiscal Year (FY) 25-28 funding will be justified in subsequent budgets to support the HADES POR on Project DD6. Project BY9 will remain to support future development and modernization of platform agnostic, MDSS sensor capabilities IAW future Army decisions.

PE 0604036A / Project BY9 was established in FY22 to support initiation of the Army's Multi-Domain Sensing System (MDSS), a layered approach of Aerial-Intelligence, Surveillance and Reconnaissance (A-ISR) systems which allows for the best ability to achieve Multi-Domain Operations (MDO) capable deep sensing. The MDSS family of systems, including HADES, HELIOS, HAP-DS, ARGOS, and HERMES , is comprised of a variety of platform/sensor combinations and MDO-capable, platform agnostic, scalable sensor programs that will provide for technical insertion into Unmanned Aerial Systems (UAS), medium altitude manned systems, and unmanned stratospheric A-ISR systems. These capabilities are enabled by emerging Artificial Intelligence/Machine Learning (AI/ML) processing and automated target recognition, autonomous sensor cross-cueing, sensor data correlation and resilient Joint All-Domain Command and Control (JADC2) compliant communications which shorten the sensor to shooter kill chain.

PE 0604036A / Project DD6 is the Army's first Program of Record (POR) in the MDSS family of systems. The High Accuracy Detection and Exploitation System (HADES) provides advanced aerial intelligence sensing capabilities for Multi-Domain Operations (MDO) against peer and near-peer adversaries, addressing Army deep sensing needs in all phases of operations and throughout the depth of the future battlefield. Highly mobile, long endurance converged deep sensing through the collection of Communications Intelligence (COMINT), Electronics Intelligence (ELINT), and Synthetic Aperture Radar/Moving Target Indicator (SAR/MTI) data. Subsequent increment upgrades can host Electronic Warfare (EW), Radio Frequency (RF)-enabled Cyber, and Air Launched Effects (ALE). Platform performance and a modular system open architecture (MOSA) increases flexibility in meeting emerging threats along with global deployment within hours vs. days/weeks.

Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Army	Date: March 2023
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 Program Element (Number/Name)** PE 0604036A *I Multi-Domain Sensing System (MDSS) Adv Dev*

Fiscal Year 2024 base dollars in the amount of $191.394 million, justified on R-2A for Project DD6 of PE 0604036A, supports the initiation of system level prototyping of the HADES system. Funds support the acquisition of the HADES prototype aircraft and begin non-recurring engineering and design of both the aircraft and the payload for future integration and testing of the system.

B. Program Change Summary ($ in Millions)	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Previous President's Budget	50.548	49.932	10.482	-	10.482
Current President's Budget	50.548	47.915	191.394	-	191.394
Total Adjustments	0.000	-2.017	180.912	-	180.912
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-2.017			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	180.912	-	180.912

Change Summary Explanation

Fiscal Year (FY) 2024 funding increase reflects the initiation of system level prototyping, acquisition of aircraft platform and components, and non-recurring engineering associated with the PoR High Accuracy Detection and Exploitation System (HADES).

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Exhibit R-2A, RDT&E Project Justification: PB 2024 Army			Date: March 2023
Appropriation/Budget Activity 2040 / 4	R-1 Program Element (Number/Name) PE 0604036A / *Multi-Domain Sensing System (MDSS) Adv Dev*	Project (Number/Name) BY9 / *Multi-Domain Sensing System Adv Dev*	

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
BY9: *Multi-Domain Sensing System Adv Dev*	-	50.548	47.915	-	-	-	244.743	254.544	305.394	297.109	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

Starting in Fiscal Year (FY) 24, funding in project BY9 is restructured to project DD6. FY 25-28 funding will be justified in subsequent budgets to support the High Accuracy Detection and Exploitation System (HADES) PoR on Project DD6. Project BY9 will remain to support future development and modernization of platform agnostic, MDSS sensor capabilities IAW future Army decisions.

A. Mission Description and Budget Item Justification

All Fiscal Year (FY) 25-28 funding will be justified in subsequent budgets to support the HADES POR on Project DD6. Project BY9 will remain to support future development and modernization of platform agnostic, MDSS sensor capabilities IAW future Army decisions.

PE 0604036A / Project BY9 was established in FY22 to support initiation of the Army's Multi-Domain Sensing System (MDSS), a layered approach of Aerial-Intelligence, Surveillance and Reconnaissance (A-ISR) systems which allows for the best ability to achieve Multi-Domain Operations (MDO) capable deep sensing. The MDSS family of systems, including HADES, HELIOS, HAP-DS, ARGOS, and HERMES, is comprised of a variety of platform/sensor combinations and MDO-capable, platform agnostic, scalable sensor programs that will provide for technical insertion into Unmanned Aerial Systems (UAS), medium altitude manned systems, and unmanned stratospheric A-ISR systems. These capabilities are enabled by emerging Artificial Intelligence/Machine Learning (AI/ML) processing and automated target recognition, autonomous sensor cross-cueing, sensor data correlation and resilient Joint All-Domain Command and Control (JADC2) compliant communications which shorten the sensor to shooter kill chain.

The FY24 base funding for the line is $0.000 million. All FY24 funding has been moved to DD6 Project (HADES Platform, Payloads/PED and Integration).

B. Accomplishments/Planned Programs ($ in Millions)	FY 2022	FY 2023	FY 2024
Title: SAR/MTI Development and Prototyping	26.320	30.899	-
Description: SAR/MTI development and prototyping to expand sensor performance to address MDSS requirements and ability to exploit near-peer threats.			
FY 2023 Plans:			

Exhibit R-2A, RDT&E Project Justification: PB 2024 Army		Date: March 2023
Appropriation/Budget Activity 2040 / 4	**R-1 Program Element (Number/Name)** PE 0604036A / *Multi-Domain Sensing System (MDSS) Adv Dev*	**Project (Number/Name)** BY9 / *Multi-Domain Sensing System Adv Dev*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2022	FY 2023	FY 2024
Acquisition of SAR/MTI test articles, critical spares, and long lead items and Original Equipment Manufacturer (OEM) engineering support to integrate SAR/MTI sensors for MDSS applications ***FY 2023 to FY 2024 Increase/Decrease Statement:*** In Fiscal Year 2024, funding is moved from Project BY9 to Project DD6 to support HADES program initiation.			
Title: Prototype Component Acquisition ***Description:*** Acquisition of prototype components, auxiliary equipment, associated software, and related items. ***FY 2023 Plans:*** Acquisition of required technical studies, documentation, architectures, data flows, designs, and subject matter expertise across a variety of areas related to the MDSS portfolio and prototypes. ***FY 2023 to FY 2024 Increase/Decrease Statement:*** In Fiscal Year 2024, funding is moved from Project BY9 to Project DD6 to support HADES program initiation.	-	0.536	-
Title: Architecture Development ***Description:*** Development of the MDSS integrated systems architecture to ensure end-to-end compatibility and sensor fusion. ***FY 2023 Plans:*** Manage and enforce the integrated systems architecture design to ensure all components functionally and physically integrate into the MDSS. ***FY 2023 to FY 2024 Increase/Decrease Statement:*** In Fiscal Year 2024, funding is moved from Project BY9 to Project DD6 to support HADES program initiation.	1.796	0.500	-
Title: SIGINT Development and Prototyping ***Description:*** ELINT/COMINT (SIGINT) development, prototyping, and demonstration to expand sensor performance and sensitivity to address MDSS requirements and ability to exploit near-peer threats. ***FY 2023 Plans:*** Acquisition of ELINT/COMINT test articles, critical spares, and long lead items and Original Equipment Manufacturer (OEM) engineering support to integrate ELINT/COMINT sensors for MDSS applications ***FY 2023 to FY 2024 Increase/Decrease Statement:*** In Fiscal Year 2024, funding is moved from Project BY9 to Project DD6 to support HADES program initiation.	18.064	9.214	-
Title: Engineering Support	2.214	3.064	-

Exhibit R-2A, RDT&E Project Justification: PB 2024 Army		Date: March 2023
Appropriation/Budget Activity 2040 / 4	**R-1 Program Element (Number/Name)** PE 0604036A / *Multi-Domain Sensing System (MDSS) Adv Dev*	**Project (Number/Name)** BY9 / *Multi-Domain Sensing System Adv Dev*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2022	FY 2023	FY 2024
Description: Engineering Support for MDSS development and prototype demonstration efforts for Project Director Sensors-Aerial Intelligence (PD SAI) ***FY 2023 Plans:*** Engineering support for sensor development, prototyping, and evaluation . ***FY 2023 to FY 2024 Increase/Decrease Statement:*** In Fiscal Year 2024, funding is moved from Project BY9 to Project DD6 to support HADES program initiation.			
Title: Program Management ***Description:*** Program Management support for MDSS development and prototype demonstration efforts for Project Director Sensors-Aerial Intelligence (PD SAI) ***FY 2023 Plans:*** Program Management for sensor development, prototyping, and evaluation . ***FY 2023 to FY 2024 Increase/Decrease Statement:*** In Fiscal Year 2024, funding is moved from Project BY9 to Project DD6 to support HADES program initiation.	2.154	2.946	-
Title: Secure Sensor System Integration Lab (SIL) ***Description:*** Establishing and maintaining a system integration lab for the payload. ***FY 2023 Plans:*** Establish a secure SIL environment to support integration and testing of Mission Equipment Package (MEP) sensors and Processing, Exploitation, and Dissemination (PED) equipment as a coherent whole. ***FY 2023 to FY 2024 Increase/Decrease Statement:*** In Fiscal Year 2024, funding is moved from Project BY9 to Project DD6 to support HADES program initiation.	-	0.756	-
Accomplishments/Planned Programs Subtotals	50.548	47.915	-

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
• 0604036A: *Multi-Domain Sensing System (MDSS) Adv Dev*	50.548	47.915	191.394	-	191.394	244.743	254.544	305.394	297.109	Continuing	Continuing

Exhibit R-2A, RDT&E Project Justification: PB 2024 Army		Date: March 2023
Appropriation/Budget Activity 2040 / 4	**R-1 Program Element (Number/Name)** PE 0604036A / *Multi-Domain Sensing System (MDSS) Adv Dev*	**Project (Number/Name)** BY9 / *Multi-Domain Sensing System Adv Dev*

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

Remarks

All FY24 funding has been moved to DD6 Project (HADES Platform, Payloads/PED and Integration).

D. Acquisition Strategy

In Fiscal Year 2024, funding is moved from Project BY9 to Project DD6 to support HADES program initiation.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Army			Date: March 2023
Appropriation/Budget Activity 2040 / 4	R-1 Program Element (Number/Name) PE 0604036A / *Multi-Domain Sensing System (MDSS) Adv Dev*	Project (Number/Name) BY9 / *Multi-Domain Sensing System Adv Dev*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Engineering Support	C/CPFF	ACC APG : APG, MD	-	2.214	Jan 2022	3.064	Feb 2023	-		-		-	0.000	5.278	-
		Subtotal	-	2.214		3.064		-		-		-	0.000	5.278	N/A

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
SAR/MTI Development and Prototyping	C/IDIQ	DMEA : Sacramento, CA	-	26.320	Jun 2022	30.899	Mar 2023	-		-		-	0.000	57.219	-
SIGINT Development and Prototyping	SS/FFP	ACC APG : APG, MD	-	18.064	Jun 2022	9.214	Feb 2023	-		-		-	0.000	27.278	-
Prototype Component Acquisition	Various	ACC APG : APG, MD	-	-		0.536	Feb 2023	-		-		-	0.000	0.536	-
Architecture Development	MIPR	AVMC : Redstone, AL	-	1.796	Mar 2022	0.500	Jun 2023	-		-		-	0.000	2.296	-
Secure Sensor SIL	MIPR	APG ACC : APG MD	-	-		0.756	Feb 2023	-		-		-	0.000	0.756	-
		Subtotal	-	46.180		41.905		-		-		-	0.000	88.085	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management	RO	Various : APG, MD	-	2.154	Nov 2021	2.946	Feb 2023	-		-		-	0.000	5.100	-
		Subtotal	-	2.154		2.946		-		-		-	0.000	5.100	N/A

	Prior Years	FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	50.548		47.915		-		-		-	0.000	98.463	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Army			Date: March 2023
Appropriation/Budget Activity 2040 / 4	R-1 Program Element (Number/Name) PE 0604036A / *Multi-Domain Sensing System (MDSS) Adv Dev*	Project (Number/Name) BY9 / *Multi-Domain Sensing System Adv Dev*	

	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2024 Army		Date: March 2023
Appropriation/Budget Activity 2040 / 4	**R-1 Program Element (Number/Name)** PE 0604036A / *Multi-Domain Sensing System (MDSS) Adv Dev*	**Project (Number/Name)** BY9 / *Multi-Domain Sensing System Adv Dev*

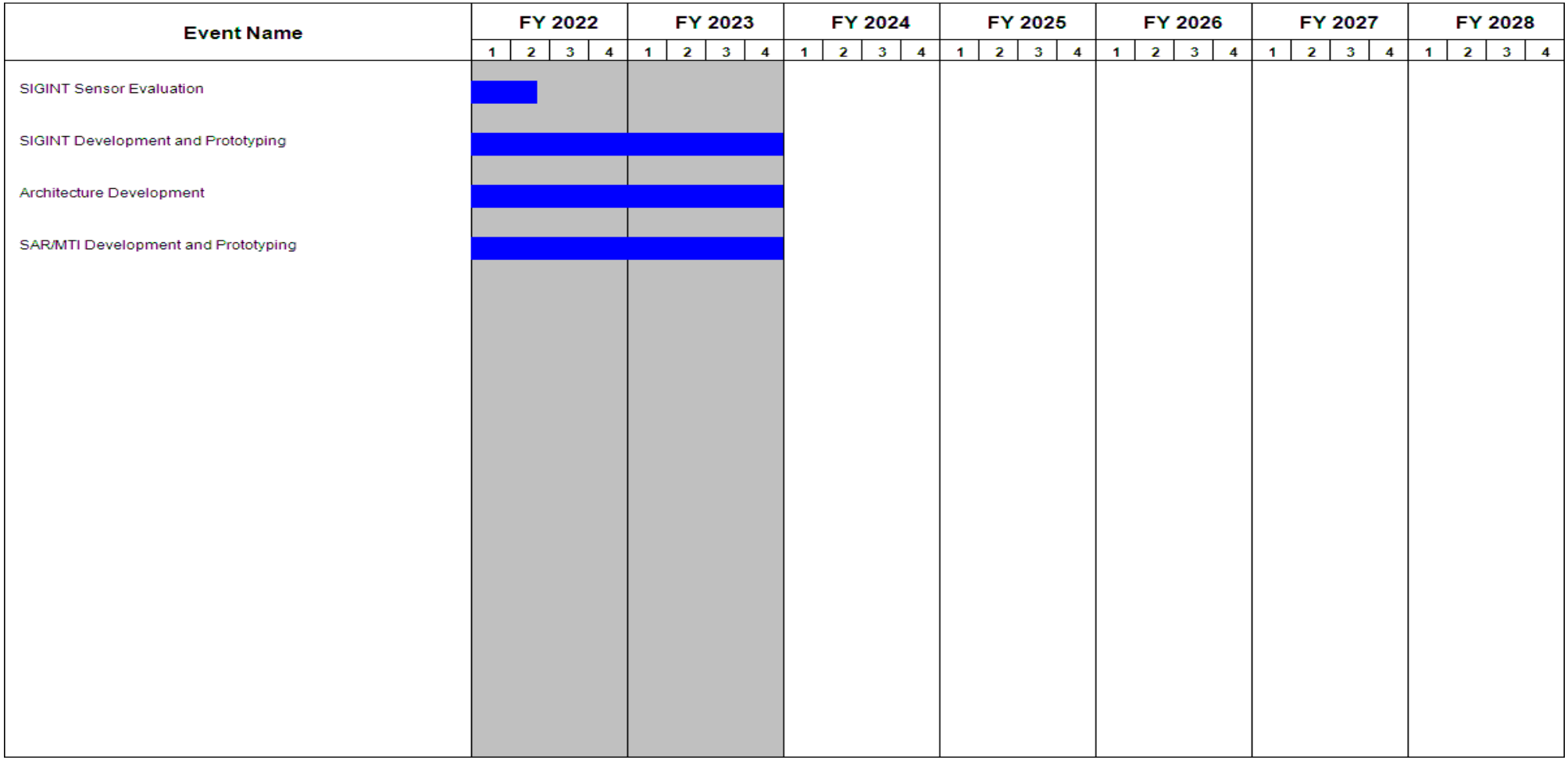


Exhibit R-4A, RDT&E Schedule Details: PB 2024 Army		Date: March 2023
Appropriation/Budget Activity 2040 / 4	**R-1 Program Element (Number/Name)** PE 0604036A / *Multi-Domain Sensing System (MDSS) Adv Dev*	**Project (Number/Name)** BY9 / *Multi-Domain Sensing System Adv Dev*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
SIGINT Sensor Evaluation	2	2021	2	2022
SIGINT Development and Prototyping	4	2021	4	2023
Architecture Development	3	2021	4	2023
SAR/MTI Development and Prototyping	2	2021	4	2023

Note

In Fiscal Year 2024, funding is moved from Project BY9 to Project DD6 to support HADES program initiation.

Exhibit R-2A, RDT&E Project Justification: PB 2024 Army			Date: March 2023
Appropriation/Budget Activity 2040 / 4	R-1 Program Element (Number/Name) PE 0604036A / *Multi-Domain Sensing System (MDSS) Adv Dev*	Project (Number/Name) DD6 / *HADES Platform, Payloads/PED, and Integration*	

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
DD6: *HADES Platform, Payloads/PED, and Integration*	-	-	-	191.394	-	191.394	-	-	-	-	0.000	191.394
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

Starting in Fiscal Year (FY) 24, funding in project BY9 is restructured to project DD6. FY 25-28 funding will be justified in subsequent budgets to support the High Accuracy Detection and Exploitation System (HADES) PoR on Project DD6. Project BY9 will remain to support future development and modernization of platform agnostic, MDSS sensor capabilities IAW future Army decisions.

A. Mission Description and Budget Item Justification

Project DD6 is a realignment of funds from BY9 and does not represent a new start. All Fiscal Year (FY) 25-28 funding will be justified in subsequent budgets to support the HADES POR on Project DD6. Project BY9 will remain to support future development and modernization of platform agnostic, MDSS sensor capabilities IAW future Army decisions.

PE 0604036A / Project DD6 is the Army's first POR in the MDSS family of systems. The High Accuracy Detection and Exploitation System (HADES) provides advanced aerial intelligence sensing capabilities for Multi-Domain Operations (MDO) against peer and near-peer adversaries, addressing Army deep sensing needs in all phases of operations and throughout the depth of the future battlefield. Highly mobile, long endurance converged deep sensing through the collection of Communications Intelligence (COMINT), Electronics Intelligence (ELINT), and Synthetic Aperture Radar/Moving Target Indicator (SAR/MTI) data. Subsequent increment upgrades can host Electronic Warfare (EW), Radio Frequency (RF)-enabled Cyber, and Air Launched Effects (ALE). Platform performance and a modular system open architecture (MOSA) increases flexibility in meeting emerging threats along with global deployment within hours vs. days/weeks.

Fiscal Year 2024 base dollars in the amount of $191.394 million supports the initiation of system level prototyping of the HADES system. Funds support the acquisition of the HADES prototype aircraft, and begin non-recurring engineering and design of both the aircraft and the payload for future integration and testing of the system.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2022	FY 2023	FY 2024
Title: Prototype Acquisition and System Integration	-	-	129.594
Description: HADES prototype platforms, components, and system integration efforts associated with platform procurement and MEP integration to create the HADES system.			
FY 2024 Plans:			

Exhibit R-2A, RDT&E Project Justification: PB 2024 Army		Date: March 2023
Appropriation/Budget Activity 2040 / 4	**R-1 Program Element (Number/Name)** PE 0604036A / *Multi-Domain Sensing System (MDSS) Adv Dev*	**Project (Number/Name)** DD6 / *HADES Platform, Payloads/PED, and Integration*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2022	FY 2023	FY 2024
Funds the acquisition of the initial platform from the Original Equipment Manufacturer (OEM) and military specific avionics for Prototype 1, as well as begin Non-Recurring Engineering (NRE) and Recurring Engineering (RE) associated with shaping the aircraft and integrating the payload by a Lead Systems Integrator (LSI). ***FY 2023 to FY 2024 Increase/Decrease Statement:*** This Project, DD6, was a realignment of funds from BY9 and does not represent a new start.			
Title: Payload Acquisition and Integration Support ***Description:*** HADES payload, Processing, Exploitation and Detection (PED) Equipment, and integration support associated with developing, testing, and supporting payload architecture into the HADES Mission Equipment Package (MEP). ***FY 2024 Plans:*** Acquisition of payload A-kits and payload materials related to ELINT, COMINT, and SAR MTI radar Mission Equipment, Non-Recurring Engineering (NRE) specific to sensor architecture and Recurring Engineering (RE) for design and integration of sensors into the platform, and initial testing materials required. ***FY 2023 to FY 2024 Increase/Decrease Statement:*** This Project, DD6 was a realignment of funds from BY9 and does not represent a new start.	-	-	43.618
Title: Program Management ***FY 2024 Plans:*** Program Management support for prototype acquisition and payload acquisition and integration support for Program Manager Fixed Wing (PM FW) and Project Director Sensors Aerial Intelligence (PD SAI). ***FY 2023 to FY 2024 Increase/Decrease Statement:*** This Project, DD6 was a realignment of funds from BY9 and does not represent a new start.	-	-	18.182
Accomplishments/Planned Programs Subtotals	-	-	191.394

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

Program office plans to utilize the Middle Tier Acquisition (MTA) authority for Rapid Prototyping including soldier touchpoints throughout the process to help refine the requirements. HADES requirements are identified in the HADES Abbreviated Capability Description Document (A-CDD) approved by the Army Requirements Oversight Council (AROC) on 26 August 2020 and signed by the Commanding General, Army Futures Command (AFC) on 18 September 2020.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Army			Date: March 2023
Appropriation/Budget Activity 2040 / 4	R-1 Program Element (Number/Name) PE 0604036A / *Multi-Domain Sensing System (MDSS) Adv Dev*	Project (Number/Name) DD6 / *HADES Platform, Payloads/PED, and Integration*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Prototype Acquisition and System Integration	TBD	TBD : TBD	-	-		-		129.594	Feb 2024	-		129.594	Continuing	Continuing	-
Payload Acquisition and Integration Support	TBD	TBD : TBD	-	-		-		43.618	Jan 2024	-		43.618	Continuing	Continuing	-
		Subtotal	-	-		-		173.212		-		173.212	Continuing	Continuing	N/A

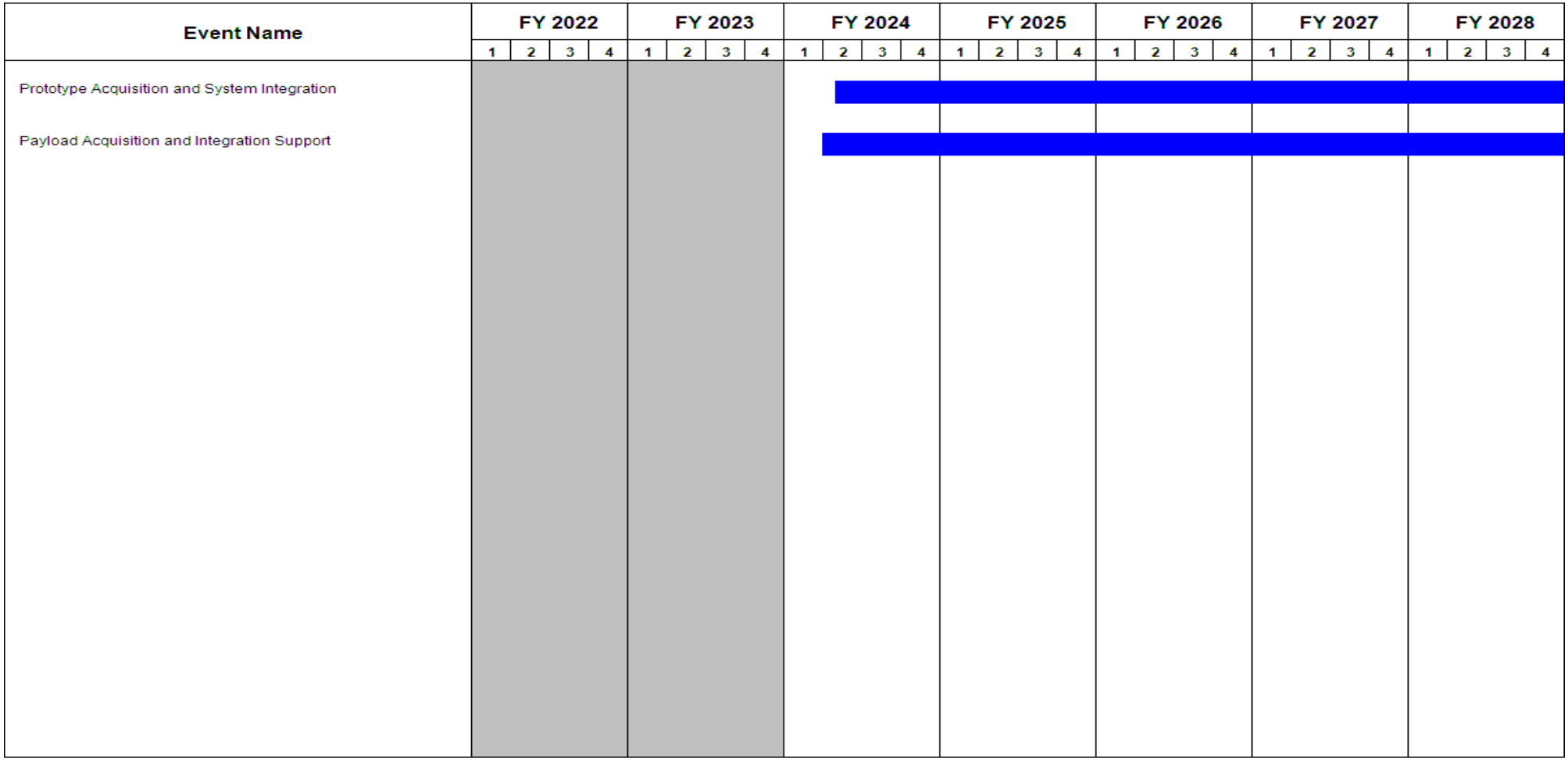
Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management	RO	Various : Redstone Arsenal, AL; APG, MD	-	-		-		18.182	Dec 2023	-		18.182	Continuing	Continuing	-
		Subtotal	-	-		-		18.182		-		18.182	Continuing	Continuing	N/A

	Prior Years	FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	-		-		191.394		-		191.394	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2024 Army		Date: March 2023
Appropriation/Budget Activity 2040 / 4	**R-1 Program Element (Number/Name)** PE 0604036A / *Multi-Domain Sensing System (MDSS) Adv Dev*	**Project (Number/Name)** DD6 / *HADES Platform, Payloads/PED, and Integration*



Note

FY25-28 funding will be moved from BY9 to DD6

Exhibit R-4A, RDT&E Schedule Details: PB 2024 Army		Date: March 2023
Appropriation/Budget Activity 2040 / 4	**R-1 Program Element (Number/Name)** PE 0604036A / *Multi-Domain Sensing System (MDSS) Adv Dev*	**Project (Number/Name)** DD6 / *HADES Platform, Payloads/PED, and Integration*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Prototype Acquisition and System Integration	2	2024	4	2028
Payload Acquisition and Integration Support	2	2024	4	2028