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Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Office of the Secretary Of Defense **Date:** March 2024

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0305304D8Z I DoD Enterprise Energy Information Management (EEIM)
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COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	23.740	7.663	8.159	7.152	-	7.152	7.131	7.085	7.181	7.319	-	-
305: <i>RP Information Management</i>	21.199	3.980	7.290	6.401	-	6.401	6.386	6.345	6.453	6.576	-	-
307: <i>RP Clearinghouse</i>	2.541	3.683	0.869	0.751	-	0.751	0.745	0.740	0.728	0.743	-	-

Note
New Start (Y/N): No

A. Mission Description and Budget Item Justification

This PE supports the National Defense Strategy (NDS) for 2023 to build a more lethal force through modernization of key capabilities, the NDS defense objective of establishing an unmatched twenty-first century National Security Innovation Base that effectively supports Department operations and sustains security and solvency, and the NDS strategic approach of reforming the Department’s business practices by simultaneously increasing performance and affordability while still minimizing risk. Established in FY 2013, and tasked with supporting the Department’s goals for audit readiness, energy efficiency, Real Property accountability, and to improve data quality and integration across the full spectrum of Sustainment business functions. DoD Real Property Information Management is used to maintain accurate and accessible data for all DoD real property assets. To manage this information we must conduct Business Process Re-engineering activities, developing and publishing data standards. Funding is also used to support the Assistant Secretary of Defense (ASD) Sustainment Senior Real Property Officer accountability requirements, such as, reconciliation of enterprise real property inventory records and development of asset management processes, business rules and associated data standards. A major component of this effort is fielding an enterprise Data Analytics and Integration Support (DAIS) platform coupled with an independent verification and validation capability, providing access to real time data through Web Services Description Language (WSDL) in support of timely, data-driven decision-making. The DAIS Portal also hosts a build out of data stores and portal requirements for Energy Resiliency and Conservation Investment Program (ERCIP) management as well as, the Construction Management Portal. A funding line was added to manage the RDT&E funding for the DoD Siting Clearinghouse. The program was stood up as a congressional requirement. This program is charged by statute to identify technical mitigation measures necessary to overcome degradation of radar from the proliferation of industrial wind turbine development. This research and development is necessary to work with Federally Funded Research and Development Centers (FFRDCs) to study potential technical improvements to radar.

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B. Program Change Summary (\$ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	8.121	8.159	7.684	-	7.684
Current President's Budget	7.663	8.159	7.152	-	7.152
Total Adjustments	-0.458	0.000	-0.532	-	-0.532
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.161	-			
• SBIR/STTR Transfer	-0.297	-			
• Program Adjustments	-	-	-0.532	-	-0.532

Change Summary Explanation

FY 2025 funding decrease due to refined assessment of program requirements focused on Wind Turbine Radar Mitigation efforts.

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Exhibit R-2A, RDT&E Project Justification: PB 2025 Office of the Secretary Of Defense **Date:** March 2024

Appropriation/Budget Activity 0400 / 5					R-1 Program Element (Number/Name) PE 0305304D8Z / DoD Enterprise Energy Information Management (EEIM)				Project (Number/Name) 305 / RP Information Management			
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
305: RP Information Management	21.199	3.980	7.290	6.401	-	6.401	6.386	6.345	6.453	6.576	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

N/A

A. Mission Description and Budget Item Justification

The Real Property Inventory fulfills requirements of Executive Orders to achieve and maintain real property accountability and is a key component supporting both audit readiness and life-cycle asset management activities. This funding provides the department independent verification and validation needed to reconcile data errors, promoting improved data quality, and facilitating interoperability with Service systems to provide an enterprise view of asset management across the real property lifecycle from acquisition to disposal. Oversight and configuration management of business rules and standards are used to determine requirements, manage inventory records, and improve business processes. This initiative includes development and procurement of the enterprise data warehouse for integrating existing and future Sustainment systems and database needs. The required Real Property Unique Identifier (RPUID) process is included in this enterprise system.

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

	FY 2023	FY 2024	FY 2025
Title: Real Property Accountability	3.980	7.290	6.401
<p>Description: The ASD for Energy, Installations, and Environment is the Senior Real Property Officer for the DoD, responsible for accountability and utilization of all DoD Real Property Assets. This funding provides the department an enterprise data warehouse coupled with an independent verification and validation capability. The DoD Real Property Accountability efforts are mandated by Executive Order and Public Law for improved reporting and utilization of federal real property, and to support data-driven decisions.</p> <p>FY 2024 Plans: Continue to support reconciliation and audit corrective action plan efforts by identifying errors/inconsistencies in Real Property inventory records, asset accountability and management processes, and business rules and associated data. Bring DAIS platform and WSDL implementation to IOC and complete links to ADVANA. Ensure improved data quality supporting multiple analyses and provide quality management mechanism for all of the DoD Real Property information. Continue to support radar studies as planned through the Wind Turbine Interference Mitigation Forum.</p> <p>FY 2025 Plans: Continue to support reconciliation and audit corrective action plan efforts by identifying errors/inconsistencies in Real Property inventory records, asset accountability and management processes, and business rules and associated data. Bring Real</p>			

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Exhibit R-2A, RDT&E Project Justification: PB 2025 Office of the Secretary Of Defense	Date: March 2024
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Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0305304D8Z / DoD Enterprise Energy Information Management (EEIM)	Project (Number/Name) 305 / RP Information Management
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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
Property Information Management (RPIM) platform and WSDL implementation to IOC and complete links to ADVANA. Ensure improved data quality supporting multiple analyses and provide quality management mechanism for all of the DoD Real Property information.			
<i>FY 2024 to FY 2025 Increase/Decrease Statement:</i> The FY 2024 to FY 2025 decrease results from program adjustments to realign some resources to higher priority requirements.			
Accomplishments/Planned Programs Subtotals	3.980	7.290	6.401

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

N/A

Remarks

N/A

D. Acquisition Strategy

Program utilizes Washington Headquarters Services Acquisition Directorate for EEIM contract support requirements.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Office of the Secretary Of Defense **Date:** March 2024

Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0305304D8Z / DoD Enterprise Energy Information Management (EEIM)	Project (Number/Name) 305 / RP Information Management
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Product Development (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 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			
El&E Data Analytics & Integration Platform	C/FFP	FTC : Herndon VA	3.980	-		-		-		-		-	Continuing	Continuing	-
Subtotal			3.980	-		-		-		-		-	Continuing	Continuing	N/A

Remarks
Operations, maintenance and continued development of reports and tools for DAIS are planned to be added as a task in the main BSI support contract in FY 2022. This is in support of our continued effort to reduce the number of contracts managed by DASD Real Property.

Support (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 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			
BSI Support Contract Base Plus 4 Option Years	C/FFP	ANSER : Mark Center	13.078	2.880	Apr 2023	-		-		-		-	Continuing	Continuing	-
Defense Installation Spatial Data Infrastructure (DISDI) IGI&S Portal	MIPR	USACE : CRREL	1.398	1.100	Jul 2023	-		-		-		-	Continuing	Continuing	-
BSI Support Contract Re-compete (Base Plus 4)	C/FFP	TBD : Mark Center	2.743	-		2.800	May 2024	2.500	Apr 2025	-		2.500	Continuing	Continuing	-
Continue to support radar studies as planned through the Wind Turbine Interference Mitigation Forum.	FFRDC	TBD : TBD	-	-		4.490	Jun 2024	3.901	Jun 2025	-		3.901	Continuing	Continuing	-
Subtotal			17.219	3.980		7.290		6.401		-		6.401	Continuing	Continuing	N/A

Remarks
DAIS support contract goes away in FY 2022 and BSI support contract will continue to support DAIS as an added task 14.

The DoD Siting Clearinghouse is charged by statute to identify technical mitigation measures necessary to overcome degradation of radar from the proliferation of industrial wind turbine development. This research and development is necessary to work with Federally Funded Research and Development Centers (FFRDCs) to study potential technical improvements to radar.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Office of the Secretary Of Defense **Date:** March 2024

Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0305304D8Z / DoD Enterprise Energy Information Management (EEIM)	Project (Number/Name) 305 / RP Information Management
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	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	21.199	3.980	7.290	6.401	-	6.401	Continuing	Continuing	N/A

Remarks
N/A

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Exhibit R-4, RDT&E Schedule Profile: PB 2025 Office of the Secretary Of Defense **Date:** March 2024

Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0305304D8Z / DoD Enterprise Energy Information Management (EEIM)	Project (Number/Name) 305 / RP Information Management
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ID	Task Name	Start	Finish	2022				2023				2024			
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
1	EI&E DBS Pfm Reviews	10/01/18	continuous												
2	Develop BEA Artifacts	01/01/22	30/01/2024												
3	Business Process Re-Engineering	01/01/17	09/30/22												
4	RPIM Updates	11/01/20	Continuous												
5	Basing Decision Tree BPR	10/01/21	03/20/24												
6	IV&V	10/01/18	continuous												
7	EI&E Processes Auditability	10/01/20	Continuous												
8	EI&E Data Analytics & Integration	10/01/21	Continuous												
9	DISDI IGI&S Portal	10/01/21	09/30/23												

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Exhibit R-4, RDT&E Schedule Profile: PB 2025 Office of the Secretary Of Defense **Date:** March 2024

Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0305304D8Z / DoD Enterprise Energy Information Management (EEIM)	Project (Number/Name) 305 / RP Information Management
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ID	Task Name	Start	Finish	2022				2023				2024			
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
1	EI&E DBS PFM Reviews	10/01/18	continuous												
2	Develop BEA Artifacts	01/01/22	30/01/2024												
3	Business Process Re-Engineering	01/01/17	09/30/22												
4	RPIM Updates	11/01/20	Continuous												
5	Basing Decision Tree BPR	10/01/21	03/20/24												
6	IV&V	10/01/18	continuous												
7	EI&E Processes Auditability	10/01/20	Continuous												
8	EI&E Data Analytics & Integrator	10/01/21	Continuous												
9	DISDI IGI&S Portal	10/01/21	09/30/23												
10	Support Radar Studies	10/1/2021	Continuous												

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Exhibit R-4A, RDT&E Schedule Details: PB 2025 Office of the Secretary Of Defense		Date: March 2024
Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0305304D8Z / DoD Enterprise Energy Information Management (EEIM)	Project (Number/Name) 305 / RP Information Management

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>PfM</i>				
EI&E DBS PfM Reviews	1	2018	4	2024
Develop EI&E BEA Artifacts	2	2022	2	2024
Real Property BPRs	1	2017	4	2022
<i>Real Property Asset Management</i>				
RPIM Updates	1	2020	4	2024
Basing Moves Decision Tree BPR	1	2021	2	2024
IV&V	1	2018	1	2024
Real Property Process & System Auditability	1	2020	4	2024
Real Property Data Analytics & Integration	1	2021	4	2024
DISDI IGI&S Portal, Map, tools, and reports development and integration	1	2021	4	2023

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Exhibit R-2A, RDT&E Project Justification: PB 2025 Office of the Secretary Of Defense **Date:** March 2024

Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0305304D8Z / DoD Enterprise Energy Information Management (EEIM)	Project (Number/Name) 307 / RP Clearinghouse
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COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
307: RP Clearinghouse	2.541	3.683	0.869	0.751	-	0.751	0.745	0.740	0.728	0.743	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

The DoD Siting Clearinghouse is charged by statute to identify technical mitigation measures necessary to overcome degradation of radar from the proliferation of industrial wind turbine development. This research and development is necessary to work with Federally Funded Research and Development Centers (FFRDCs) to study potential technical improvements to radar.

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

	FY 2023	FY 2024	FY 2025
Title: RP Clearinghouse	3.683	0.869	0.751
Description: The DoD Siting Clearinghouse works with FFRDCs to identify technical mitigation measures necessary to overcome degradation of radar from the proliferation of industrial wind turbine development. This research and development is necessary to study potential technical improvements to radar.			
FY 2024 Plans: Continue to support radar studies as planned through the Wind Turbine Interference Mitigation Forum.			
FY 2025 Plans: The Military Aviation and Installation Assurance Siting Clearinghouse program is charged by statute (Title 10, Section 183a) to identify technical mitigation measures necessary to overcome degradation of radar from the proliferation of industrial wind turbine development. FY 2025 funding will be used to refine technical solutions to mitigate the adverse effects of wind turbines on military radar and to develop solutions that work with industry and DoD. Research, development and testing will be done primarily through work with Federally Funded Research and Development Centers (FFRDCs) and universities. Results from the X studies anticipated to be funded in FY 2024 will applied to the FY 2025 research effort which will consist of X research efforts at Y FFRDCs and Z universities. All results are shared within various wind turbine industrial and academic forums.			
FY 2024 to FY 2025 Increase/Decrease Statement: The FY 2024 to FY 2025 decrease results from program adjustments to realign some resources to higher priority requirements.			
Accomplishments/Planned Programs Subtotals	3.683	0.869	0.751

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

N/A

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Exhibit R-2A, RDT&E Project Justification: PB 2025 Office of the Secretary Of Defense		Date: March 2024
Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0305304D8Z / <i>DoD Enterprise Energy Information Management (EEIM)</i>	Project (Number/Name) 307 / <i>RP Clearinghouse</i>

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

Remarks

N/A

D. Acquisition Strategy

N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Office of the Secretary Of Defense **Date:** March 2024

Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0305304D8Z / DoD Enterprise Energy In formation Management (EEIM)	Project (Number/Name) 307 / RP Clearinghouse
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Support (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 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			
DISDI Portal	C/FFP	USACE Contracted Vendor : USACE	0.005	-		-		-		-		-	Continuing	Continuing	-
Subtotal			0.005	-		-		-		-		-	Continuing	Continuing	N/A

Test and Evaluation (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 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			
Platform Resilience Mission Assurance (PRMA)	MIPR	ARMAMENT RDEC : BLDG 91 4TH AVE, PICATINNY ARSENAL NJ 07806-5000	0.536	-		0.869	Jun 2024	-		-		-	Continuing	Continuing	-
Continue to support radar studies as planned through the Wind Turbine Interference Mitigation Forum.	FFRDC	TBD : TBD	2.000	3.683	Aug 2023	-		0.751	Aug 2025	-		0.751	Continuing	Continuing	N/A
Subtotal			2.536	3.683		0.869		0.751		-		0.751	Continuing	Continuing	N/A

Remarks
NA

	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	2.541	3.683	0.869	0.751	-	0.751	Continuing	Continuing	N/A

Remarks
NA

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Exhibit R-4, RDT&E Schedule Profile: PB 2025 Office of the Secretary Of Defense **Date:** March 2024

Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0305304D8Z / DoD Enterprise Energy Information Management (EEIM)	Project (Number/Name) 307 / RP Clearinghouse
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ID	Task Name	Start	Finish	2022				2023				2024			
				Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
1	EI&E DBS PFM Reviews	10/01/18	continuous	[Gantt bar spanning all quarters from 2022 to 2024]											
2	Develop BEA Artifacts	01/01/22	30/01/2024	[Gantt bar from Q1 2022 to Q1 2024]											
3	Business Process Re-Engineering	01/01/17	09/30/22	[Gantt bar from Q1 2017 to Q4 2022]											
4	RPIM Updates	11/01/20	Continuous	[Gantt bar from Q4 2020 to Q4 2024]											
5	Basing Decision Tree BPR	10/01/21	03/20/24	[Gantt bar from Q4 2021 to Q1 2024]											
6	IV&V	10/01/18	continuous	[Gantt bar spanning all quarters from 2022 to 2024]											
7	EI&E Processes Auditability	10/01/20	Continuous	[Gantt bar from Q4 2020 to Q4 2024]											
8	EI&E Data Analytics & Integrator	10/01/21	Continuous	[Gantt bar from Q4 2021 to Q4 2024]											
9	DISDI IGI&S Portal	10/01/21	09/30/23	[Gantt bar from Q4 2021 to Q3 2023]											
10	Support Radar Studies	10/1/2021	Continuous	[Gantt bar from Q4 2021 to Q4 2024]											

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Exhibit R-4A, RDT&E Schedule Details: PB 2025 Office of the Secretary Of Defense **Date:** March 2024

Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0305304D8Z / DoD Enterprise Energy In formation Management (EEIM)	Project (Number/Name) 307 / RP Clearinghouse
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
RP Siting Clearinghouse				
Develop FY 2021 Program	1	2020	3	2020
FY 2021 Studies Evaluations	1	2021	4	2021
Develop FY 2022 Program	1	2021	4	2021
FY 2022 Studies Evaluations	1	2022	4	2022
Develop FY 2023 Program	1	2022	4	2022
FY 2023 Studies Evaluations	1	2023	2	2023
Develop FY 2024 Program	1	2024	4	2024
FY 2024 Studies Evaluations	1	2024	4	2024