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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2024 Office of the Secretary Of Defense **Date:** March 2023

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 5: System Development &amp; Demonstration (SDD)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0305304D8Z I DoD Enterprise Energy Information Management (EEIM)
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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	21.607	2.133	8.121	8.159	-	8.159	7.684	7.680	7.683	7.819	-	-
305: <i>RP Information Management</i>	19.066	2.133	7.461	7.290	-	7.290	6.892	6.890	6.893	7.038	-	-
307: <i>RP Clearinghouse</i>	2.541	0.000	0.660	0.869	-	0.869	0.792	0.790	0.790	0.781	-	-

**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>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2024 Office of the Secretary Of Defense	<b>Date:</b> March 2023
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<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 5: System Development &amp; Demonstration (SDD)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0305304D8Z I <i>DoD Enterprise Energy Information Management (EEIM)</i>
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<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024 Base</b>	<b>FY 2024 OCO</b>	<b>FY 2024 Total</b>
Previous President's Budget	2.214	8.121	7.868	-	7.868
Current President's Budget	2.133	8.121	8.159	-	8.159
Total Adjustments	-0.081	0.000	0.291	-	0.291
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.081	-			
• Program Adjustments	-	-	0.291	-	0.291

**Change Summary Explanation**

FY 2024 funding increase supports the Clearing House program.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 Office of the Secretary Of Defense										<b>Date:</b> March 2023		
<b>Appropriation/Budget Activity</b> 0400 / 5					<b>R-1 Program Element (Number/Name)</b> PE 0305304D8Z / DoD Enterprise Energy Information Management (EEIM)				<b>Project (Number/Name)</b> 305 / RP Information Management			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024 Base</b>	<b>FY 2024 OCO</b>	<b>FY 2024 Total</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
305: RP Information Management	19.066	2.133	7.461	7.290	-	7.290	6.892	6.890	6.893	7.038	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**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)**

	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>
<b>Title:</b> Real Property Accountability	2.133	7.461	7.290
<p><b>Description:</b> The ASD Sustainment 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><b>FY 2023 Plans:</b> 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 Data Analytics and Integration Support (DAIS) platform and Web Services Description Language (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><b>FY 2024 Plans:</b> 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</p>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 Office of the Secretary Of Defense		<b>Date:</b> March 2023		
<b>Appropriation/Budget Activity</b> 0400 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0305304D8Z / DoD Enterprise Energy Information Management (EEIM)	<b>Project (Number/Name)</b> 305 / RP Information Management		
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>
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.				
<b>FY 2023 to FY 2024 Increase/Decrease Statement:</b> FY 2024 decrease for minor programmatic changes.				
<b>Accomplishments/Planned Programs Subtotals</b>		2.133	7.461	7.290
<b>C. Other Program Funding Summary (\$ in Millions)</b>				
N/A				
<b>Remarks</b>				
<b>D. Acquisition Strategy</b>				
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 2024 Office of the Secretary Of Defense **Date:** March 2023

<b>Appropriation/Budget Activity</b> 0400 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0305304D8Z / DoD Enterprise Energy Information Management (EEIM)	<b>Project (Number/Name)</b> 305 / RP Information Management
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<b>Product Development (\$ in Millions)</b>				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			
El&E Data Analytics & Integration Platform	C/FFP	FTC : Herndon VA	3.739	0.000		-		-		-		-	Continuing	Continuing	-
<b>Subtotal</b>			3.739	0.000		-		-		-		-	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 FY22. This is in support of our continued effort to reduce the number of contracts managed by DASD Real Property.

<b>Support (\$ in Millions)</b>				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			
BSI Support Contract Base Plus 4 Option Years	C/FFP	ANSER : Mark Center	10.945	2.133	Apr 2022	2.600	Apr 2023	-		-		-	Continuing	Continuing	-
Defense Installation Spatial Data Infrastructure (DISDI) IGI&S Portal	MIPR	USACE : CRREL	1.398	-		1.461		-		-		-	Continuing	Continuing	-
BSI Support Contract Re-compete (Base Plus 4)	C/FFP	TBD : Mark Center	2.984	-		-		2.800	Apr 2024	-		2.800	Continuing	Continuing	-
Continue to support radar studies as planned through the Wind Turbine Interference Mitigation Forum.	FFRDC	TBD : TBD	-	-		3.400		4.490	Jun 2024	-		4.490	Continuing	Continuing	-
<b>Subtotal</b>			15.327	2.133		7.461		7.290		-		7.290	Continuing	Continuing	N/A

**Remarks**  
DAIS support contract goes away in FY22 and BSI support contract will continue to support DAIS as a added task 14.

	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>	19.066	2.133	7.461	7.290	-	7.290	Continuing	Continuing	N/A

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**Exhibit R-3, RDT&E Project Cost Analysis:** PB 2024 Office of the Secretary Of Defense **Date:** March 2023

<b>Appropriation/Budget Activity</b> 0400 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0305304D8Z / DoD Enterprise Energy Information Management (EEIM)	<b>Project (Number/Name)</b> 305 / RP Information Management
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	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
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<b>Remarks</b>
NA

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**Exhibit R-4, RDT&E Schedule Profile: PB 2024 Office of the Secretary Of Defense** **Date:** March 2023

<b>Appropriation/Budget Activity</b> 0400 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0305304D8Z / DoD Enterprise Energy Information Management (EEIM)	<b>Project (Number/Name)</b> 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 2024 Office of the Secretary Of Defense** **Date:** March 2023

<b>Appropriation/Budget Activity</b> 0400 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0305304D8Z / DoD Enterprise Energy Information Management (EEIM)	<b>Project (Number/Name)</b> 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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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2024 Office of the Secretary Of Defense		<b>Date:</b> March 2023
<b>Appropriation/Budget Activity</b> 0400 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0305304D8Z / DoD Enterprise Energy Information Management (EEIM)	<b>Project (Number/Name)</b> 305 / RP Information Management

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>PfM</i></b>				
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
<b><i>Real Property Asset Management</i></b>				
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 2024 Office of the Secretary Of Defense **Date:** March 2023

<b>Appropriation/Budget Activity</b> 0400 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0305304D8Z / DoD Enterprise Energy Information Management (EEIM)	<b>Project (Number/Name)</b> 307 / RP Clearinghouse
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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
307: RP Clearinghouse	2.541	0.000	0.660	0.869	-	0.869	0.792	0.790	0.790	0.781	-	-
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 2022	FY 2023	FY 2024
<b>Title:</b> RP Clearinghouse	0.000	0.660	0.869
<b>Description:</b> 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.			
<b>FY 2023 Plans:</b> Continue to support radar studies as planned through the Wind Turbine Interference Mitigation Forum.			
<b>FY 2024 Plans:</b> Continue to support radar studies as planned through the Wind Turbine Interference Mitigation Forum.			
<b>FY 2023 to FY 2024 Increase/Decrease Statement:</b> FY 2024 increase supports the DoD Clearinghouse reflecting congressional emphasis on increased mission capability. Funding continues to support radar studies as planned through the Wind Turbine Interference Mitigation Forum.			
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	0.660	0.869

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

N/A

**Remarks**

N/A

**D. Acquisition Strategy**

N/A

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Office of the Secretary Of Defense** **Date:** March 2023

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<b>Support (\$ in Millions)</b>				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			
DISDI Portal	C/FFP	USACE Contracted Vendor : USACE	0.005	0.000	Mar 2022	-		-		-		-	Continuing	Continuing	-
<b>Subtotal</b>			0.005	0.000		-		-		-		-	Continuing	Continuing	N/A

<b>Test and Evaluation (\$ in Millions)</b>				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			
Platform Resilience Mission Assurance (PRMA)	MIPR	ARMAMENT RDEC : BLDG 91 4TH AVE, PICATINNY ARSENAL NJ 07806-5000	0.536	-		-		0.869	Jun 2024	-		0.869	Continuing	Continuing	-
Continue to support radar studies as planned through the Wind Turbine Interference Mitigation Forum.	FFRDC	TBD : TBD	2.000	0.000	May 2022	0.660	May 2023	-		-		-	Continuing	Continuing	-
<b>Subtotal</b>			2.536	0.000		0.660		0.869		-		0.869	Continuing	Continuing	N/A

**Remarks**  
NA

	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>	2.541	0.000	0.660	0.869	-	0.869	Continuing	Continuing	N/A

**Remarks**  
NA

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**Exhibit R-4, RDT&E Schedule Profile: PB 2024 Office of the Secretary Of Defense** **Date:** March 2023

<b>Appropriation/Budget Activity</b> 0400 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0305304D8Z / DoD Enterprise Energy Information Management (EEIM)	<b>Project (Number/Name)</b> 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												
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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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2024 Office of the Secretary Of Defense		<b>Date:</b> March 2023
<b>Appropriation/Budget Activity</b> 0400 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0305304D8Z / DoD Enterprise Energy Information Management (EEIM)	<b>Project (Number/Name)</b> 307 / RP Clearinghouse

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>RP Siting Clearinghouse</b>				
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