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Exhibit R-2, RDT&E Budget Item Justification: PB 2021 Defense Security Cooperation Agency **Date:** February 2020

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0605147T / <i>Overseas Humanitarian Assistance Shared Information System (OHASIS)</i>
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COST (\$ in Millions)	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
Total Program Element	1.997	0.304	0.310	0.316	-	0.316	0.323	0.329	0.336	0.343	Continuing	Continuing
000204: <i>Overseas Humanitarian Assistance Shared Information System</i>	1.997	0.304	0.310	0.316	-	0.316	0.323	0.329	0.336	0.343	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Overseas Humanitarian Assistance Shared Information System (OHASIS) provides stakeholders of Department of Defense (DoD) Humanitarian Assistance (HA) programs, including embassy staff, the Combatant Commands (COCOMs), the Defense Security Cooperation Agency (DSCA), and a broad range of DoD and interagency partners, the capability to manage, support, and visualize Overseas Humanitarian, Disaster, and Civic Aid (OHDACA) funded projects on a web-based map display, in addition to automating report generation, providing tools to coordinate with Interagency and partner nation stakeholders, and perform a variety of analyses.

Under the direction of DSCA, the U.S. Army Corps of Engineers, Army Geospatial Center (AGC) is responsible for the entire lifecycle--from system definition to development, support, training, and product improvement of OHASIS. The AGC has been responsible for the OHASIS system since 2005 and has evolved it to the present system, which contains more than 16,000 active projects (7,000 of which have been completed) valued at more than \$2.3 billion, with a community of over 6,000 users. The OHASIS system is a critical and mission essential means for thousands of military and civilian users to develop, staff, coordinate, approve, fund, implement, manage, and evaluate projects intended to assist the COCOMs in accomplishing theater campaign plan objectives and achieve strategic ends states in support of U.S. national security and foreign policy interests support of U.S. national security and foreign policy interests.

B. Program Change Summary (\$ in Millions)	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
Previous President's Budget	0.304	0.310	0.316	-	0.316
Current President's Budget	0.304	0.310	0.316	-	0.316
Total Adjustments	0.000	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			

Change Summary Explanation

No change explanation required

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Exhibit R-2A, RDT&E Project Justification: PB 2021 Defense Security Cooperation Agency										Date: February 2020		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0605147T / Overseas Humanitarian Assistance Shared Information System (OHASIS)				Project (Number/Name) 000204 / Overseas Humanitarian Assistance Shared Information System			
COST (\$ in Millions)	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
000204: Overseas Humanitarian Assistance Shared Information System	1.997	0.304	0.310	0.316	-	0.316	0.323	0.329	0.336	0.343	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

	FY 2019	FY 2020	FY 2021
Title: Overseas Humanitarian Assistance Shared Information System	0.304	0.310	0.316
FY 2020 Plans: Expand the format and availability of OHASIS to other O&M programs			
Improve usability of project nomination and explore software optimization techniques to reduce load times and improve user experience			
Develop software infrastructure for CAC-enabled capability (full OHASIS or limited capability) contingent on evolving access requirements			
Continue to find more efficient ways of integrating with other systems including Pacific Disaster Center, Reachback Engineering			

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Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0605147T / Overseas Humanitarian Assistance Shared Information System (OHASIS)	Project (Number/Name) 000204 / Overseas Humanitarian Assistance Shared Information System

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2019	FY 2020	FY 2021
<p>Data Integration (REDi), Cooperation Security JCTD, Global Theater Security Cooperation Management Information System (G-TSCMIS), United States Agency for International Development (USAID), CAOS, Foreign Assistance Dashboard, Marine Civil Information Management System (MARCIMS), etc.</p> <p>FY 2021 Plans: Manage the configuration control, generate change request documentation for all new features, acquire appropriate signature and maintain the System Version Description document for the OHASIS system. Develop full functional and standardized regression testing to guide validation of new software releases in coordination with Security Technical Implementation Guides (STIGs) or Security Requirement Guides (SRGs), which will re-assess the compliance and provide updated assessment results for the OHASIS application and database. Assess the OHASIS application, Intelligence Information System (IIS) and database compliance with any applicable execute order (EXORD), operation order (OPORD), or task order (TASKORD) published by: DSCA, US Cyber Command (CYBERCOM), Headquarters Department of the Army (HQDA), CIO/G-6, ARCYBER/2A, 2RCC, US Army Network Enterprise Technology Command (NETCOM), 7th Signal Command (T), 93rd Signal Brigade and Regional Network Enterprise Center - National Capital Region (RNEC-NCR); as well as implement any required configuration changes or provide reports or mitigations for OHASIS. Run regular Security Content Automation Protocol (SCAP) scans prior and after all software releases and resolve all findings rated "Critical" or "high" immediately for the OHASIS application, IIS and database. FY 2020 to FY 2021 Increase/Decrease Statement:</p> <p>FY 2020 to FY 2021 Increase/Decrease Statement: The increase of \$6,000 from FY2020 to FY2021 is due to a price growth within the program.</p>			
Accomplishments/Planned Programs Subtotals	0.304	0.310	0.316

C. Other Program Funding Summary (\$ in Millions) N/A
Remarks N/A

D. Acquisition Strategy
The program employs an incremental technology development and implementation strategy to ensure a desired capability is delivered in a relevant timeframe. This strategy also will continue to leverage industry standard technologies for web development, database technology, database modeling, geographic information systems, reporting, and documentation. As additional users require the system, it will continue to be developed with scalability and maintainability as key considerations. Additionally, this capability will help DoD better collaborate and support external agencies and their programs by leveraging the web services that have been designed in the initial baseline.

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Exhibit R-4, RDT&E Schedule Profile: PB 2021 Defense Security Cooperation Agency		Date: February 2020
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	FY 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025			
	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

System Development and Compliance	
Infrastructure for CAC-enabled Capability	
Update System and Database Compliance	

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Exhibit R-4A, RDT&E Schedule Details: PB 2021 Defense Security Cooperation Agency		Date: February 2020
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0605147T / <i>Overseas Humanitarian Assistance Shared Information System (OHASIS)</i>	Project (Number/Name) 000204 / <i>Overseas Humanitarian Assistance Shared Information System</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>System Development and Compliance</i>				
Infrastructure for CAC-enabled Capability	4	2020	3	2023
Update System and Database Compliance	1	2021	4	2025