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Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Defense Security Cooperation Agency **Date:** May 2017

Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide / BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0605147T / Overseas Humanitarian Assistance Shared Information System (OHASIS)							
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
Total Program Element	1.404	0.306	0.287	0.298	0.000	0.298	0.304	0.303	0.309	0.312	Continuing	Continuing
000204: Overseas Humanitarian Assistance Shared Information System	1.404	0.306	0.287	0.298	0.000	0.298	0.304	0.303	0.309	0.312	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Overseas Humanitarian Assistance Shared Information System (OHASIS) provides stakeholders of DoD Humanitarian Assistance (HA) programs, including embassy staff, the Combatant Commands, the Defense Security Cooperation Agency (DSCA), and a broad range of Department of Defense 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 2.5 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 Combatant Commands in accomplishing theater campaign plan objectives and achieve strategic ends states in support of U.S. national security and foreign policy interests.

B. Program Change Summary (\$ in Millions)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Previous President's Budget	0.306	0.287	0.298	0.000	0.298
Current President's Budget	0.306	0.287	0.298	0.000	0.298
Total Adjustments	0.000	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

FY16-18: No significant change, the increase or decrease is a small inflation amount. The Overseas Humanitarian Assistance Shared Information System requires \$.3M to continue to provide web-based lifecycle management of Humanitarian Assistance projects to the Combatant Commands.

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Defense Security Cooperation Agency										Date: May 2017		
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 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
000204: Overseas Humanitarian Assistance Shared Information System	1.404	0.306	0.287	0.298	0.000	0.298	0.304	0.303	0.309	0.312	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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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 2.5 system, which contains more than 16,000 active projects (7,000 of which have been completed) valued at more than \$2.1 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 Combatant Commands in accomplishing theater campaign plan objectives and achieve strategic ends states in support of U.S. national security and foreign policy interests.

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

	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Title: Overseas Humanitarian Assistance Shared Information System	0.306	0.287	0.298	0.000	0.298
FY 2016 Accomplishments: Refactored entire code base to conform to DISA's Application Security and Development Security Technical Implementation Guide (STIG)					
Started registration in eMASS for Risk Management Framework					
Implemented DOD Password Rules and Access Policy					
Developed warehouse map for Okinawa warehouse to visually locate inventory in the warehouses					

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B. Accomplishments/Planned Programs (\$ in Millions)				FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
<p>Implemented an enhanced warehouse reporting capability</p> <p>Launched new mapping tool that will have more analytical features and is compatible with mobile operating systems including Apple's iOS.</p> <p>FY 2017 Plans: Migrate OHASIS 2.5 to new virtualized machine in accordance to RMF control sets</p> <p>Develop and implement strategy to launch OHASIS version 2.5 which will transfer OHASIS production hosting to a Federal Risk and Authorization Management Program (FedRAMP) cloud-based hosting infrastructure or Army hosted servers on Non-Secure Internet Protocol Router NETwork (NIPRNET)</p> <p>Implement new Assessment, Monitoring and Evaluation framework for enhanced project management and analysis</p> <p>Assess low-bandwidth requirements and develop strategy to implement a corresponding version of OHASIS, as warranted</p> <p>FY 2018 Base Plans: Develop and launch low-bandwidth version of OHASIS that provides basic program tools (view only, task response, reports, minimal editing)</p> <p>Improve usability of project nomination and explore software optimization techniques to reduce load times and improve user experience</p> <p>Develop software infrastructure for CAC-enabled capability (full OHASIS or limited capability) contingent on evolving access requirements</p> <p>Continue to find more efficient ways of integrating with other systems including Pacific Disaster Center, REDi, Cooperation Security JCTD, GTSCMIS, USAID, CAOS, Foreign Assistance Dashboard, MARCIMs, etc.</p> <p>FY 2018 OCO Plans:</p>								

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B. Accomplishments/Planned Programs (\$ in Millions)				FY 2016	FY 2017
				FY 2018 Base	FY 2018 OCO
				FY 2018 Total	
N/A					
Accomplishments/Planned Programs Subtotals				0.306	0.287
				0.298	0.000
				0.298	
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.					
E. Performance Metrics					
OHASIS project performance is measured in several methods: the successful meeting of stated performance objectives in the statement of work and meeting target dates in the project management plan, and successful management of the full life cycle of the over 1,000 Overseas Humanitarian Disaster and Civic Aid (OHDACA) projects per Fiscal Year.					