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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2017 Defense Security Cooperation Agency **Date:** February 2016

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0605147T / <i>Overseas Humanitarian Assistance Shared Information System (OHASIS)</i>
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COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
Total Program Element	1.129	0.275	0.294	0.287	-	0.287	0.298	0.308	0.304	0.309	Continuing	Continuing
000204: <i>Overseas Humanitarian Assistance Shared Information System</i>	1.129	0.275	0.294	0.287	-	0.287	0.298	0.308	0.304	0.309	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 2.3 system, which contains more than 15,000 active projects (6,000 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>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>
Previous President's Budget	0.275	0.294	0.299	-	0.299
Current President's Budget	0.275	0.294	0.287	-	0.287
Total Adjustments	0.000	0.000	-0.012	-	-0.012
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Rephasing	0.000	0.000	-0.012	-	-0.012

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**Change Summary Explanation**

FY15-17: 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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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2017 Defense Security Cooperation Agency										<b>Date:</b> February 2016		
<b>Appropriation/Budget Activity</b> 0400 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0605147T / Overseas Humanitarian Assistance Shared Information System (OHASIS)				<b>Project (Number/Name)</b> 000204 / Overseas Humanitarian Assistance Shared Information System			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
000204: Overseas Humanitarian Assistance Shared Information System	1.129	0.275	0.294	0.287	-	0.287	0.298	0.308	0.304	0.309	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**A. Mission Description and Budget Item Justification**

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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 2.3 system, which contains more than 15,000 active projects (6,000 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)**

	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
<b>Title:</b> Overseas Humanitarian Assistance Shared Information System	0.275	0.294	0.287
<b>FY 2015 Accomplishments:</b>			
Launching the One-Year After Action Reporting capability on the production system.			
Developing and implementing a new search tool that leverages project steps and phases logic Improved search including viewing image thumbnails, POC List and Gantt charts.			
Added ability to generate PDFs of project details of multiple projects.			
Updated Drilldown Report that leverages project steps and phases.			
Added Google-like search of text in OHASIS projects			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2017 Defense Security Cooperation Agency		<b>Date:</b> February 2016
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
<p>Developing maps to precisely locate inventory in the three excess property warehouses and improve reporting capability.</p> <p>Launched beta version mobile-based (handheld) web capability to upload project photos taken with cell phone cameras.</p> <p><b>FY 2016 Plans:</b> 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.</p> <p>Develop aggregate reporting capability for After Action Reports (AARs).</p> <p>Develop and launch a new mapping tool that will have more features and be compatible with mobile operating systems including Apple's iOS.</p> <p>Assess low-bandwidth requirements and develop strategy to implement a corresponding version of OHASIS, as warranted.</p> <p><b>FY 2017 Plans:</b> 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>			
<b>Accomplishments/Planned Programs Subtotals</b>	0.275	0.294	0.287

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

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**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.



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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2017 Defense Security Cooperation Agency		<b>Date:</b> February 2016
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	FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				
	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	
Develop and launch low-bandwidth version of OHASIS that provides basic program tools (view only, task response, reports, minimal editing).	██████																												
New search tool with thumbnails, Gantt, etc.	██████																												
Added ability to generate PDFs of multiple projects	████																												
Updated Drilldown Report			████																										
Google-like search of text	████																												
Excess Property Maps			██████																										
Upload cell-phone photos capability	████																												
Refactor code					████████																								
Launch OHASIS 3.0 on FedRAMP cloud					██████████																								
Aggregate reporting for AARs					██████																								
New mapping tool with multi-operating system compatibility			████████																										
Low-bandwidth assessment and strategy						████████																							
Launch low-bandwidth version									████████																				
Usability and software optimization develop/implement										██████																			
CAC capability (contingency)											████																		
Improve integration with external systems										████████																			

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2017 Defense Security Cooperation Agency		<b>Date:</b> February 2016
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0605147T / Overseas Humanitarian Assistance Shared Information System (OHASIS)	<b>Project (Number/Name)</b> 000204 / Overseas Humanitarian Assistance Shared Information System

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Develop and launch low-bandwidth version of OHASIS that provides basic program tools (view only, task response, reports, minimal editing).	1	2015	2	2015
New search tool with thumbnails, Gantt, etc.	2	2015	3	2015
Added ability to generate PDFs of multiple projects	2	2015	2	2015
Updated Drilldown Report	3	2015	3	2015
Google-like search of text	2	2015	2	2015
Excess Property Maps	4	2015	1	2016
Upload cell-phone photos capability	2	2015	2	2015
Refactor code	1	2016	3	2016
Launch OHASIS 3.0 on FedRAMP cloud	1	2016	4	2016
Aggregate reporting for AARs	2	2016	3	2016
New mapping tool with multi-operating system compatibility	4	2015	2	2016
Low-bandwidth assessment and strategy	3	2016	1	2017
Launch low-bandwidth version	1	2017	3	2017
Usability and software optimization develop/implement	2	2017	3	2017
CAC capability (contingency)	3	2017	3	2017
Improve integration with external systems	2	2017	4	2017