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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2016 Defense Logistics Agency	<b>Date:</b> February 2015
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<b>Appropriation/Budget Activity</b>					<b>R-1 Program Element (Number/Name)</b>							
0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide / BA 7: Operational Systems Development</i>					PE 0708012S / <i>Logistics Support Activities (LSA)</i>							
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
Total Program Element	9.578	5.482	1.574	1.770	-	1.770	1.770	1.770	1.770	1.770	Continuing	Continuing
1: <i>Logistics Support Activities (LSA)</i>	7.928	4.560	-	-	-	-	-	-	-	-	Continuing	Continuing
2: <i>Pacific Disaster Center</i>	1.650	0.922	1.574	1.770	-	1.770	1.770	1.770	1.770	1.770	Continuing	Continuing

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

The Pacific Disaster Center (PDC) has been in operation since February 1996. The PDC is a public/private partnership managed by the University of Hawaii (UH) under a cooperative agreement with the Department of Defense. It is functionally within the organization of the Office of the Under Secretary of Defense (Acquisition, Technology, and Logistics) (OUSD(AT&L)) and the Defense Logistics Agency (DLA). The PDC is a world-recognized authority and leader in science and information technology applications relating to humanitarian assistance and disaster relief (HA/DR).

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
Previous President's Budget	4.659	1.574	1.531	-	1.531
Current President's Budget	5.482	1.574	1.770	-	1.770
Total Adjustments	0.823	-	0.239	-	0.239
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	0.823	-			
• SBIR/STTR Transfer	-	-			
• Internal Adjustment	-	-	0.239	-	0.239

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Defense Logistics Agency										Date: February 2015		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0708012S / Logistics Support Activities (LSA)				Project (Number/Name) 1 / Logistics Support Activities (LSA)			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
1: Logistics Support Activities (LSA)	7.928	4.560	-	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

This program is reported in accordance with Title 10, United States Code, Section 119 (a)(1) in the Special Access Program Annual Report to Congress. The staff cognizance and oversight will transfer from the Defense Logistics Agency (DLA) to the Defense Information Systems Agency effective October 1, 2014. The USD(P) will continue to be the Operational Sponsor and functional OSD Principal Staff Assistant (PSA) for the program. USD(AT&L) and the DoD CIO will provide acquisition oversight authority for the program.

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Defense Logistics Agency										Date: February 2015		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0708012S / Logistics Support Activities (LSA)				Project (Number/Name) 2 / Pacific Disaster Center			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
2: Pacific Disaster Center	1.650	0.922	1.574	1.770	-	1.770	1.770	1.770	1.770	1.770	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification												
The Pacific Disaster Center (PDC) has been in operation since February 1996. The PDC is a public/private partnership managed by the University of Hawaii (UH) under a cooperative agreement with the Department of Defense. It is functionally within the organization of the Office of the Under Secretary of Defense (Acquisition, Technology, and Logistics) (OUSD(AT&L)) and the Defense Logistics Agency (DLA). The PDC is a world-recognized authority and leader in science and information technology applications relating to Humanitarian Assistance and Disaster Relief (HA/DR)												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2014	FY 2015	FY 2016	
Title: Pacific Disaster Center (PDC)									0.922	1.574	1.770	
Description: This program is reported in accordance with Title 10, United States Code, Section 119 (a)(1) in the Special Access Program Annual Report to Congress. The staff cognizance and oversight will transfer from the Defense Logistics Agency (DLA) to the Defense Information Systems Agency effective October 1, 2014. The USD(P) will continue to be the Operational Sponsor and functional OSD Principal Staff Assistant (PSA) for the program. USD(AT&L) and the DoD CIO will provide acquisition oversight authority for the program.												
The Pacific Disaster Center (PDC) has been in operation since February 1996. The PDC is a public/private partnership managed by the University of Hawaii (UH) under a cooperative agreement with the Department of Defense. The Pacific Disaster Center (PDC) function, manpower, and budget resources transferred to the Office of the Under Secretary of Defense (Acquisition, Technology, and Logistics) (OUSD(AT&L)) and the Defense Logistics Agency (DLA)in October 2011. The USD(P) will continue to be the Operational Sponsor and functional OSD Principal Staff Assistant (PSA) for the program. The PDC is a world-recognized authority and leader in science and information technology applications relating to humanitarian assistance and disaster relief (HA/DR). PDC’s applications and information products enhance preparedness, situational awareness, and civil-military communications for humanitarian missions worldwide, while its national-level socio-economic Risk and Vulnerability Assessments help inform strategies by measuring indicators for national resiliency using scientific methods.												
The PDC Program Office’s (USD(P), ASD(HD&GS), and DASD(DC&MA)) primary responsibility is for management and stewardship of governmental funds provided in Defense Department appropriations for DoD missions associated with DoD CrM, HA/DR, Theater Security Cooperation, and Defense Support to Civil Authorities (DSCA). In doing this, the Program Office develops and provides policy, oversight and guidance, and jointly develops strategic guidelines, programmatic content and												

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2016 Defense Logistics Agency		<b>Date:</b> February 2015	
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0708012S / <i>Logistics Support Activities (LSA)</i>	<b>Project (Number/Name)</b> 2 / <i>Pacific Disaster Center</i>	
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2014</b>	<b>FY 2015</b>
<p>priorities with the UH and PDC. The PDC Program Office also serves as a support element of the Hawaii-based organization especially in the area of gaining Federal agency support and resources, as well as business opportunities.</p> <p><b><i>FY 2014 Accomplishments:</i></b></p> <p>In 2013-2014, the Center's applications, services, and products were used around the clock by U.S. Agencies as well as by international partners involved in disaster preparedness and response, and those involved in HA/DR operations. Domestically, the capabilities were used by Department of Defense (DoD), Department of Homeland Security (DHS) and Federal Emergency management Agency, state National Guards, and a host of other federal, state, and county emergency managers in the U.S. to better prepare for and respond to disasters. PDC's application, for instance, was one of the primary tools used by the Hawaii State Governor and The Adjutant General for their decision-making as Hurricane Iselle approached the State in 2014. Internationally, the Center supported major partners globally, and in particular those in Southeast Asia and the Americas, regions frequently affected by significant earthquakes, storms, floods, and tsunami threats. In all, PDC's public applications—providing hazard monitoring, alerting, and related information services—were accessed from at least from 120 countries worldwide, and its mobile (iOS and Android) applications exceeded 1.45 million downloads.</p> <p>Emphasis areas in FY 2014 included:</p> <ul style="list-style-type: none"> <li>• Improved Situational Awareness and Decision Support Applications, including planned release of internet-based DisasterAWARE (1 major, 2 main, and 8 minor releases) and mobile DisasterALERT (2 iOS and Android releases) applications</li> <li>• Expanded national socio-economic risks and vulnerability assessment, and resilience indicators</li> <li>• Provided location-based notifications, information, and analytical support to DoD and other HA/DR stakeholders during at least 30 major disasters or events in the US and around the globe</li> <li>• Supported 15 exercises in 6 Partner Countries across 3 COCOM AORs</li> <li>• Maintained and expanded content and capabilities of global information services to increase situational awareness and to address humanitarian relief operational needs</li> <li>• Built capacity in stakeholder agencies through exercise and training, and enhance partnerships with USG agencies, their counterparts in key partner nations, and within I/NGOs to improve outcomes of HA/DR and related activities</li> </ul> <p><b><i>FY 2015 Plans:</i></b></p> <p>For the past 18 years, Pacific Disaster Center (PDC) has been at the forefront of improving disaster-reduction decision-support capabilities through the application of information, science and technology. PDC's products and services enhance foundational and global services supporting civil-military humanitarian assistance operations by the US Military and US agencies, state agencies, United Nation agencies, ASEAN, national governments, and International/Non-Governmental Organizations (I/NGO). Foundational and Global Services include projects supporting development, analysis, and delivery of relevant and actionable</p>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2016 Defense Logistics Agency		<b>Date:</b> February 2015	
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0708012S / <i>Logistics Support Activities (LSA)</i>	<b>Project (Number/Name)</b> 2 / <i>Pacific Disaster Center</i>	
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2014</b>	<b>FY 2015</b>
<p>information. These activities fall into three categories: Global Information Services; Anticipatory Sciences and Socio-Economic Risk and Vulnerability Assessment; and Decision Support Platforms and Applications.</p> <p>Emphasis areas in FY 2015 include:</p> <ul style="list-style-type: none"> <li>• Implement uniform communication, expanding operational utility of mobile applications</li> <li>• Improve automated damage and needs assessment and other analytical reports</li> <li>• Expand bio/health related monitoring capabilities (in partnership with OSD and U.S. Navy).</li> <li>• Continue to grow competitive grants and proposals as a mean to expand the center's capabilities, and leverage these new capabilities in support of DoD missions.</li> <li>• Build capacity in stakeholder agencies through exercise and training, and enhance partnerships with USG agencies, their counterparts in key partner nations, and within I/NGOs to improve outcomes of HA/DR and related activities</li> </ul> <p><b>FY 2016 Plans:</b></p> <p>The Pacific Disaster Center (PDC) continues to be at the forefront of improving disaster-reduction decision-support capabilities through the application of information, science and technology. PDC's products and services enhance foundational and global services supporting civil-military humanitarian assistance operations by the US Military and US agencies, state agencies, United Nation agencies, ASEAN, national governments, and International/Non-Governmental Organizations (I/NGO). Foundational and Global Services include projects supporting development, analysis, and delivery of relevant and actionable information. These activities fall into three categories: Global Information Services; Anticipatory Sciences and Socio-Economic Risk and Vulnerability Assessment; and Decision Support Platforms and Applications.</p> <p>Emphasis areas in FY 2016 include:</p> <ul style="list-style-type: none"> <li>• Improve the simplified DisasterAWARE/RAPIDS user interface (a.k.a. "dashboard") for increased ease-of-use and situational awareness, while allowing the system to accommodate "low bandwidth" operational mode (enabling better support to mobile platforms, as well as, degraded communications)</li> <li>• Extend and enhance mobile computing and situational awareness platform for DisasterAWARE/RAPIDS to include: <ul style="list-style-type: none"> <li>a) limited "down range" data collection &amp; sharing capabilities (e.g., damage photos, voice memos, etc.)</li> <li>b) investigate and implement degraded but functional/operational "off-grid" capabilities</li> <li>c) investigate and implement degraded but operational "low bandwidth" capabilities</li> </ul> </li> <li>• Enhance DisasterAWARE's social media/network visualization capabilities, in collaboration with partners such as ONR-funded research in the subject matter</li> <li>• Extend and enhance Bio Surveillance capabilities in collaboration with Navy and Defense Threat Reduction Agency's (DTRA)Bio Surveillance Portal (BSP) Joint Program Executive Office</li> </ul>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2016 Defense Logistics Agency		<b>Date:</b> February 2015	
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0708012S / <i>Logistics Support Activities (LSA)</i>	<b>Project (Number/Name)</b> 2 / <i>Pacific Disaster Center</i>	
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2014</b>	<b>FY 2015</b>
<ul style="list-style-type: none"> <li>• Extend collaboration with DTRA &amp; other data providers in enhancing data fusion capabilities</li> <li>• Continue to emphasize and participate jointly- and externally-funded research and application programs to enhance the Center's capabilities and experiences which in turn can be operationalize and applied in direct support of DoD HA/DR and DSCA missions</li> <li>• Continue to grow competitive grants and proposals as a means to expand the center's capabilities, and leverage these new capabilities in support of DoD missions</li> </ul>			
<b>Accomplishments/Planned Programs Subtotals</b>		0.922	1.574
<b>C. Other Program Funding Summary (\$ in Millions)</b>			
N/A			
<b>Remarks</b>			
<b>D. Acquisition Strategy</b>			
<p>PDC projects beyond the baseline Situational Awareness &amp; Decision Support Applications/Tools architecture (Atlas/EMOPS/RAPIDS) undertaken in support of the DoD Cooperative Agreement (CA) with the University of Hawaii (UH) are from PDC customers (e.g., DoD, NGOs, other nations, academia, and industry). The PDC prepares the public, disaster managers, governments, and others to mitigate the effects of disasters. The goal is to have people and technology work together to preserve life, safeguard livelihoods, protect property to foster disaster-resilient communicates. Projects obtained and funded from this customer base serve as a means to determine PDC product and services relevancy.</p>			
<b>E. Performance Metrics</b>			
<p>Projects objectives and tasks are designed to build upon the previous year's successes and are consistent with the framework and direction provided by the 2012-2016 PDC Strategic Plan. At the beginning of each calendar year, an Annual Plan is in-place to guide the program and enable a framework for performance feedback to the DoD PDC Program Manager, the PDC Executive Director, WHS CA Contracting Office, and the UH. At the end of each calendar year, these stakeholders meet to review the past year performance and finalize a new Annual Plan for the next calendar year. This plan details a set of specific objectives to further capabilities and capacities supporting the PDC's mission and increasing operational value to the stakeholders.</p>			

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2016 Defense Logistics Agency												<b>Date:</b> February 2015			
<b>Appropriation/Budget Activity</b> 0400 / 7						<b>R-1 Program Element (Number/Name)</b> PE 0708012S / <i>Logistics Support Activities (LSA)</i>				<b>Project (Number/Name)</b> 2 / <i>Pacific Disaster Center</i>					

  

<b>Test and Evaluation (\$ in Millions)</b>				<b>FY 2014</b>		<b>FY 2015</b>		<b>FY 2016 Base</b>		<b>FY 2016 OCO</b>		<b>FY 2016 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
PDC DisasterAWARE: Early Warning and Decision Support Applications	MIPR	University of Hawaii Systems : Honolulu, HI	1.650	0.922	Dec 2013	1.574	Dec 2014	1.770	Dec 2015	-		1.770	-	-	-
<b>Subtotal</b>			1.650	0.922		1.574		1.770		-		1.770	-	-	-

  

	<b>Prior Years</b>	<b>FY 2014</b>		<b>FY 2015</b>		<b>FY 2016 Base</b>		<b>FY 2016 OCO</b>		<b>FY 2016 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>	1.650	0.922		1.574		1.770		-		1.770	-	-	-

  

**Remarks**

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Defense Logistics Agency										Date: February 2015			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)			
0400 / 7					PE 0708012S / Logistics Support Activities (LSA)					2 / Pacific Disaster Center			

	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	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
PDC																												
PDC																												



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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2016 Defense Logistics Agency			<b>Date:</b> February 2015
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0708012S / <i>Logistics Support Activities (LSA)</i>	<b>Project (Number/Name)</b> 2 / <i>Pacific Disaster Center</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>PDC</b>				
PDC	1	2014	4	2020