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Exhibit R-2, RDT&E Budget Item Justification				Date: February 2008			
APPROPRIATION/BUDGET ACTIVITY RDT&E, Defense-Wide/07				R-1 ITEM NOMENCLATURE C4I for the Warrior/PE 0303149K			
Cost(\$ in millions)	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Project Cost	7.102	0.000	0.000	0.000	0.000	0.000	0.000

A. Mission Description and Budget Item Justification: This effort supports the successful deployment of DoD information systems by performing a broad spectrum of activities in support of C4I programs. DISA supports the development of C4I programs and systems through analytical and technical integration activities including application performance assessments; cross-domain network solutions; contingency planning; network capacity planning and diagnostics; system architecture development and evaluation; technical and operational assessment of emerging technologies; and systems-level modeling and simulation. DISA provides systems engineering and technical integration support dedicated to solving problems for, and meeting the unique engineering, integration and analysis needs of its customers (Combatant Commands (COCOMs), Services, Defense Agencies, Office of the Secretary of Defense, and the Joint Staff).

The Network Warfare Simulation (NETWARS) is a state-of-the-art C4 modeling and simulation (M&S) tool that can be used by C4 planners and analysts to: (a) assess the effects of full operational combat traffic loading on current and future communications systems and networks in a joint task force major theater of war scenario, (b) conduct quick turn-around communications planning for contingency operations including small regional conflicts and peacekeeping scenarios, and (c) evaluate the impact of new communications technologies, organizational structures, and operational concepts. NETWARS supports the acquisition process by conducting end-to-end analyses of networks with new C4 systems and C2 applications applied, reducing new system testing costs and risks, and providing empirical support for C4 acquisition decisions. NETWARS also provides C4 measures of performance to the Joint Warfare Simulation (JWARS) tool and fulfills the M&S requirements of the Joint Network Management System (JNMS). Ultimately, NETWARS makes it possible for communications planners and analysts to validate their C4 support plans and assess their ability to execute them, thus enabling the warfighter to achieve network-centric warfare operations.

Note: Beginning in FY 2007, only the NETWARS part of this project remains in PE 0303149K. The other portion has been realigned to Modeling and Simulation/Project E65 under PE 0302019K because it directly supports DISA's Engineering and Integration tasks under that program element.

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Accomplishments/Planned Program:

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Subtotal Cost	7.102	0.000	0.000

FY 2007 - Enhance the NETWARS Program to increase usability for the warfighter through: 1) addition of models of new and emerging communications technology; 2) expansion of the organization library to include new doctrinal structures; and, 3) inclusion of additional application traffic.

FY 2008 - Realigned to Modeling and Simulation.

FY 2009 - Realigned to Modeling and Simulation.

B. Program Change Summary:

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
FY 2008 President's Budget	6.526	0.000	0.000
FY 2009 President's Budget	7.102	0.000	0.000
Total Adjustments	0.576	0.000	0.000

Change Summary Explanation:

FY 2007 change is due to internal reprogramming.

C. Other Program Funding Summary:

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>To Complete</u>	<u>Total Cost</u>
O&M, DW	0.724	0.000	0.000	0.000	0.000	0.000	0.000	0.724	0.724