

Exhibit R-2, RDT&E Budget Item Justification							Date: February 2003	
Appropriation/Budget Activity RDT&E, Defense Wide/BA 3				R-1 Item Nomenclature: Joint DoD/DOE Munitions PE 0603225D8Z				
Cost (\$ in millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Total PE Cost	18.982	18.623	25.011	25.351	25.293	25.594	26.027	25.982
DoD/DOE Munitions/P225	18.982	18.623	25.011	25.351	25.293	25.594	26.027	25.982
(U) A. Mission Description and Budget Item Justification:								
<p>(U) This R&D program is a cooperative, jointly funded effort between DoD and DOE to pursue new and innovative warhead, explosive, and fuze technologies in order to bring about major improvements in non-nuclear munitions. This program supports the development and exploration of new munitions concepts and technology preceding system engineering development. Through our funding arrangement with DOE, DoD resources are matched. More importantly, this relatively small DoD contribution effectively taps the annual billion-dollar DOE RDT&E investment by accessing the specialized skills, scientific equipment, facilities and computational tools not available in DoD.</p> <p>(U) The effort exploits the extensive and highly developed technology base resident in the National Laboratories relevant to achieving the goal of developing capable, cost-effective conventional munitions, and leverages DoD investments with matching DOE investments. The current program supports 38 projects in warhead technology, energetic materials, advanced initiation and fuze development, munitions lifecycle technology, and computer simulation. A specific Service laboratory sponsors each of these projects. The program is administered and reviewed by a Joint Technical Advisory Committee composed of members from the Army, Navy, Air Force, OSD, and DOE. Projects are peer-reviewed semi-annually by DoD Service Laboratory/Technical Center personnel in order to monitor technical excellence and ensure that the technologies under development address priority DoD needs. The program is integrated with Service efforts through the Project Reliance Weapons Panel and participation in the Defense Technology Area Plan for Conventional Weapons. The program is reviewed under the Technology Area Review and Assessment process. After reviewing the program, the 2002 Weapons TARA panel assessed the program as follows: broad range of products transitioned to DoD as a result of program efforts; effectively leverages DOE expertise and funding; critical computational tools provided to DoD; well integrated into Service efforts; Technology Coordination Groups provide an effective forum for technical collaboration.</p>								
B. Program Change Summary:								
	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>				
Previous President's Budget	18.982	25.420	20.671	21.823				
Current FY2004 President's Budget	18.982	18.623	25.011	25.351				
Total Adjustments								
Congressional program reductions		-6.797	4.340	3.528				
Congressional rescissions		-6.797						
Congressional increases								
Reprogrammings								
SBIR/STTR Transfer								
Other			4.340	3.528				
C. Other Program Funding Summary: N/A								
Acquisition Strategy. N/A								

R-1 Shopping List - Item No. 20-1 of 20-4