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OSD RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

Date: February 2006

APPROPRIATION/ BUDGET ACTIVITY
RDT&E/ Defense Wide BA# 5

PE NUMBER AND TITLE

0604161D8Z - Nuclear & Conventional Phys Sec Equip

Cost (\$ in Millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Total Program Element (PE) Cost	0.000	0.000	9.277	3.517	4.576	4.709	4.827
P163 Nuclear & Conventional Phys Sec Equip	0.000	0.000	9.277	3.517	4.576	4.709	4.827

A. Mission Description and Budget Item Justification: The purpose of this program is to design physical security equipment (PSE) systems for all DoD components. This program supports the protection of tactical, fixed, and nuclear weapons systems, DoD personnel and DoD facilities. The funds are used to provide PSE RDT&E for individual Service and joint PSE requirements. The PSE program is organized so that members of the physical security equipment action group (PSEAG), which consist of the Army, Navy, Air Force, and Defense Threat Reduction Agency (DTRA) representatives monitors, directs and prioritizes potential and existing PSE programs. With few exceptions, each Service sponsors RDT&E efforts for technologies and programs that have multi-service application. This program element supports the Army's advanced engineering development of robotic and detection systems. The program element also supports all four Services' identification and redesign of developmental, non-developmental, and commercial-off-the-shelf equipment to meet physical security requirements. Activities within this program will seek to reduce risk associated with integrating, fielding, and supporting the equipment once it becomes a part of the overall security system.

Prior efforts were transitioned from Air Force PE 604287F.

B. Program Change Summary	FY 2005	FY 2006	FY 2007
Previous President's Budget (FY 2006)			
Current BES/President's Budget (FY 2007)	0.000	0.000	9.277
Total Adjustments	0.000	0.000	9.277
Congressional Program Reductions			
Congressional Rescissions			
Congressional Increases			
Reprogrammings			9.277
SBIR/STTR Transfer			
Other			

Recognizing the synergy between nuclear weapons and conventional physical security, a realignment from PE 604287F and 605161D8Z to this PE for oversight responsibilities regarding non-nuclear (conventional) physical security equipment from the Air Force to DATSD(Nuclear Matters) was directed. This will allow DATSD(Nuclear Matters) to leverage nuclear weapons and conventional physical security equipment programs to develop common solutions to common capability gaps.

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PE NUMBER AND TITLE

0604161D8Z - Nuclear & Conventional Phys Sec Equip**C. Other Program Funding Summary:** Not Applicable.**D. Acquisition Strategy:** Not Applicable.**E. Performance Metrics:**

FY	Strategic Goals Supported	Existing Baseline	Planned Performance Improvement / Requirement Goal	Actual Performance Improvement	Planned Performance Metric / Methods of Measurement	Actual Performance Metric / Methods of Measurement
07						

Comment: The program performance metrics are established/approved through the DoD Physical Security Equipment Action Group (PSEAG) and the Security Policy Verification Committee (SPVC). The cost, schedule and technical progress of each project is reviewed at quarterly PSEAG and SPVC meetings. Performance variances are addressed and corrective action is implemented as necessary.

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OSD RDT&E PROJECT JUSTIFICATION (R2a Exhibit)							Date: February 2006	
APPROPRIATION/ BUDGET ACTIVITY RDT&E/ Defense Wide BA# 5				PE NUMBER AND TITLE 0604161D8Z - Nuclear & Conventional Phys Sec Equip			PROJECT P163	
Cost (\$ in Millions)		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
P163	Nuclear & Conventional Phys Sec Equip	0.000	0.000	9.277	3.517	4.576	4.709	4.827

A. Mission Description and Project Justification: The purpose of this program is to design physical security equipment (PSE) systems, to include for all DoD components. This program supports the protection of tactical, fixed, and nuclear weapons systems, DoD personnel and DoD facilities. The funds are used to provide PSE RDT&E for individual Service and joint PSE requirements. The PSE program is organized so that members of the physical security equipment action group (PSEAG), which consist of the Army, Navy, Air Force, and Defense Threat Reduction Agency (DTRA) representatives monitors, directs and prioritizes potential and existing PSE programs. With few exceptions, each Service sponsors RDT&E efforts for technologies and programs that have multi-service application. This program element supports the Army's advanced engineering development of robotic and detection systems. The program element also supports all four Services' identification and redesign of developmental, non-developmental, and commercial-off-the-shelf equipment to meet physical security requirements. Activities within this program will seek to reduce risk associated with integrating, fielding, and supporting the equipment once it becomes a part of the overall security system.

Prior efforts were transitioned from Air Force PE 604287F.

B. Accomplishments/Planned Program:

Accomplishment/Planned Program Title	FY 2005	FY 2006	FY 2007
Robotic Security Systems Integration	0.000	0.000	9.277

- P3I for Mobile Detection Assessment and Response System (MDARS) for greater sensing distance.
- Increase MDARS speed and response feed to support Remote Detection Challenge and Response (REDCAR).

C. Other Program Funding Summary: Not Applicable.

D. Acquisition Strategy: Not Applicable.

E. Major Performers Not Applicable.

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