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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)								DATE February 1995			
BUDGET ACTIVITY 4 - Demonstration And Validation			PE NUMBER AND TITLE 0603308A Army Missile Defense Systems Integration					PROJECT D990			
COST (In Thousands)	FY 1994 Actual	FY 1995 Estimate	FY 1996 Estimate	FY 1997 Estimate	FY 1998 Estimate	FY 1999 Estimate	FY 2000 Estimate	FY 2001 Estimate	Cost to Complete	Total Cost	
D990 Theater Missile Defense (TMD) System Integration	0	0	2985	2985	2985	2986	2997	2993	Continuing	Continuing	
<p>A. <u>Mission Description and Budget Item Justification</u> Project D990 Theater Missile Defense (TMD) System Integration: Funds initiatives directed by U.S. Army Space and Strategic Defense Command in its capacity as the U.S. Army advocate, integrator, and focal point for TMD operations. USASSDC is empowered by the Department of the Army to serve as the Department level, operational representative for theater missile defense. This program conducts systems analysis, studies, and experimentation designed to validate and integrate the pillars of TMD: active defense, passive defense, attack operations, and battle management/command, control, communications, computers, and intelligence functions. This integration program produces hardware and software solutions, doctrinal and procedural solutions, interfaces, and architectures; these inter-pillar and intra-pillar products, required to accomplish the integrated TMD mission, exceed the scope of other programs. This program supports the milestone decisions for active defense missile and C4I systems, as well as Aviation and Artillery. This Project focuses on efforts associated with advanced technology development used to demonstrate general military utility to include demonstration and validation in the area of TMD and is appropriately funded in Budget Activity 4.</p> <p>FY 1994 Accomplishments:</p> <ul style="list-style-type: none"> • There were no projects for TMD Systems Integration funded in FY94. <p>FY 1995 Planned Program:</p> <ul style="list-style-type: none"> • There were no projects for TMD Systems Integration funded in FY 95. <p>FY 1996 Planned Program:</p> <ul style="list-style-type: none"> • Advance development for an Army theater-level TMD command post designed to perform the battle integration function of TMD (1485). • Participation in the Joint TMD Experiments and exercises designed to validate and test prototype products identified in the TMD ORD (500). • Evaluation of the interoperability of existing models and simulations (200). • Validation of TMD power projection requirements (200). • Analysis of proposals to construct an Army TMD operator training facility (150). • Concept development for Defense Support Program TMD options (100). • Concept development of space applications for integrated TMD (100). • Simulations and models to validate integrated TMD requirements (100). 											

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<ul style="list-style-type: none"> • Initiatives to market Army TMD developments (150). <p>FY 1997 Planned Program:</p> <ul style="list-style-type: none"> • Testing and exercising prototypical hardware and software related to integrated TMD operations, especially TMD command post/cell operations, inter-service operations, combined operations with allies, intra-pillar functions (1985). • Development of enhancements to models and simulations (500). • Leverage Department-level studies/initiatives to provide solutions to TMD integration issues (200). • Concept development of space applications for integrated TMD (100). • Upgrades to simulations and models reflecting the Joint TMD environment (100). • Initiatives to market Army TMD developments (100). <p>B. <u>Program Change Summary</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;"></th> <th style="text-align: center;"><u>FY 1994</u></th> <th style="text-align: center;"><u>FY 1995</u></th> <th style="text-align: center;"><u>FY 1996</u></th> <th style="text-align: center;"><u>FY 1997</u></th> </tr> </thead> <tbody> <tr> <td>Previous President's Budget</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Appropriated Value</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Adjustments to Appropriated Value</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Current Budget Estimate Submission (BES)</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">2985</td> <td style="text-align: center;">2985</td> </tr> </tbody> </table> <p>Change Summary Explanation (by Project): N/A</p> <p>Change Summary Explanation: N/A</p> <p style="padding-left: 20px;">Funding: N/A</p> <p style="padding-left: 20px;">Schedule: N/A</p> <p style="padding-left: 20px;">Technical: N/A</p>				<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>	Previous President's Budget	0	0	0	0	Appropriated Value	0	0	0	0	Adjustments to Appropriated Value	0	0	0	0	Current Budget Estimate Submission (BES)	0	0	2985	2985
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<p>C. Other Program Funding Summary There are no other related RDTE appropriation efforts.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 10%;"><u>FY 1994</u></th> <th style="width: 10%;"><u>FY 1995</u></th> <th style="width: 10%;"><u>FY 1996</u></th> <th style="width: 10%;"><u>FY 1997</u></th> <th style="width: 10%;"><u>FY 1998</u></th> <th style="width: 10%;"><u>FY 1999</u></th> <th style="width: 10%;"><u>FY 2000</u></th> <th style="width: 10%;"><u>FY 2001</u></th> <th style="width: 10%;"><u>To Compl</u></th> <th style="width: 10%;"><u>Total Cost</u></th> </tr> </thead> <tbody> <tr> <td colspan="12"> </td> </tr> </tbody> </table> <p>D. Schedule Profile These efforts are continuous in nature; therefore, no milestone or events are provided.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th colspan="4" style="text-align: center;"><u>FY 1994</u></th> <th colspan="4" style="text-align: center;"><u>FY 1995</u></th> <th colspan="4" style="text-align: center;"><u>FY 1996</u></th> <th colspan="4" style="text-align: center;"><u>FY 1997</u></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> </tr> </tbody> </table>													<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>To Compl</u>	<u>Total Cost</u>														<u>FY 1994</u>				<u>FY 1995</u>				<u>FY 1996</u>				<u>FY 1997</u>				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>To Compl</u>	<u>Total Cost</u>																																																									
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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)		DATE		
BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT		
4 - Demonstration And Validation	0603308A Army Missile Defense Systems Integration	D990		
A. <u>Project Cost Breakdown</u>				
	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>
Program Management Support	0	0	2985	2985
	0	0	2985	2985
B. <u>Budget Acquisition History and Planning Information: N/A</u>				

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