

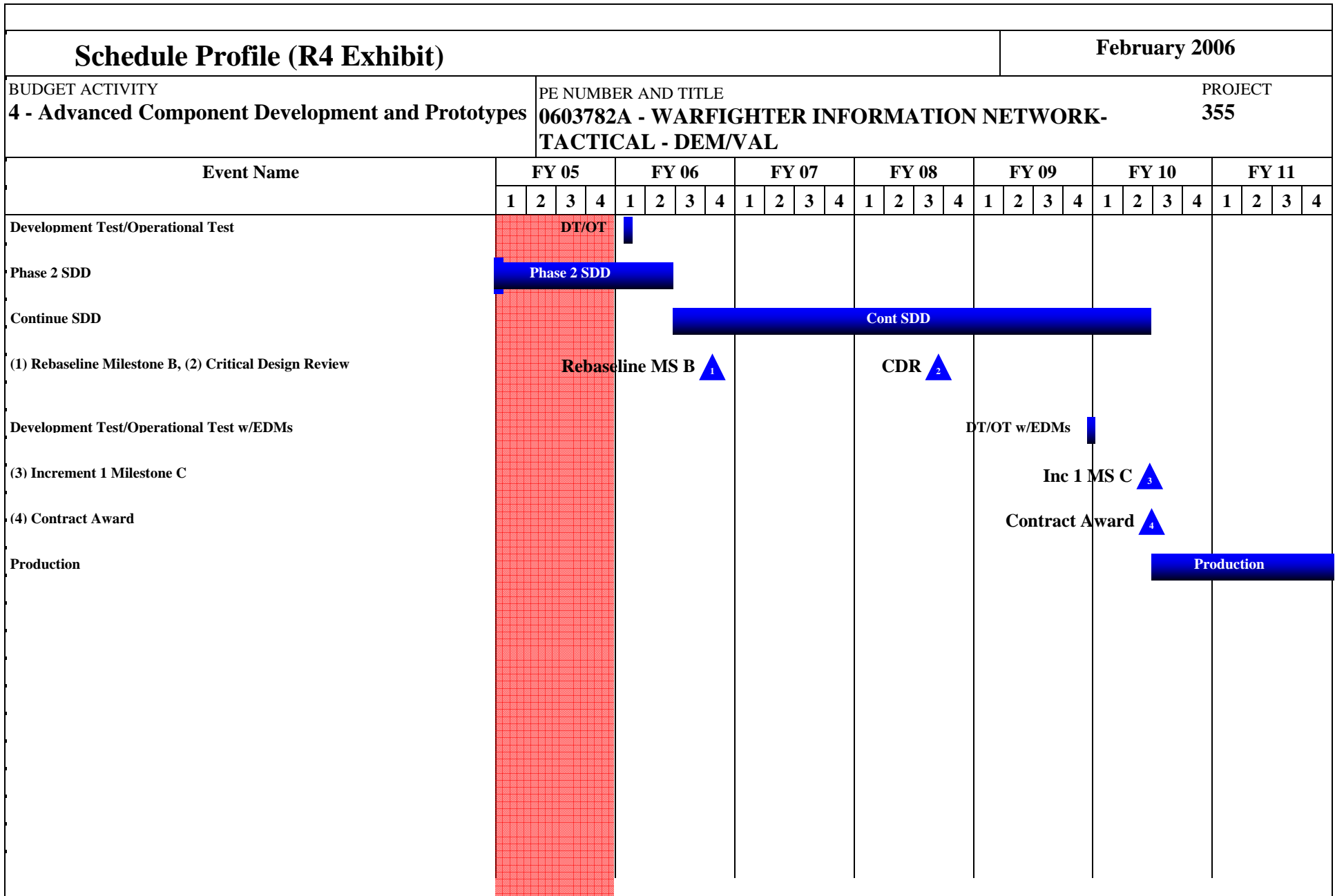
ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)								February 2006		
BUDGET ACTIVITY 4 - Advanced Component Development and Prototypes			PE NUMBER AND TITLE 0603782A - WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL					PROJECT 355		
COST (In Thousands)		FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total Cost
355 WIN-TACTICAL - DEM/VAL		94991	98057	158157	203075	248791	214792	123619	0	1267606
<p><u>A. Mission Description and Budget Item Justification:</u> Warfighter Information Network-Tactical (WIN-T) is the Army's communications system for reliable, secure, and seamless video, data, imagery, and voice services that enables decisive combat actions. It will be focused on moving information in a manner that supports commanders, staffs, functional units, and capabilities-based formations - all mobile, agile, lethal, sustainable, and deployable. It will be optimized for offensive and joint operations so that the theater combatant commander will have the capability to perform multiple missions simultaneously with campaign quality. WIN-T will establish an environment in which commanders at all echelons will have the ability to operate with virtual staffs and analytical centers that are located at remote locations throughout the battlespace. As a key system supporting the Army's Current and Future Force, WIN-T meets the pressing need for efficient battlefield bandwidth utilization, optimal data throughput, on-the-move critical information exchange, and rapid infrastructure modernization. WIN-T operates as the principal means to frame the tactical infosphere that encompasses the Modular Force's areas of influence. The tactical infosphere will operate while mobile via its robust networking, and be able to pass relevant information for system of systems combined arms capabilities in all terrain and under all environmental conditions. Future Combat Systems (FCS), Joint Tactical Radio System (JTRS), satellite terminals and other Department of Defense (DoD) Command, Control, Communications & Computers, Intelligence (C4I) programs are relying on WIN-T for seamless integration into the DoD Global Information Grid (GIG). WIN-T will be optimized for offensive and joint operations, while providing the Theater Combatant the capability to plan, prepare, and execute multiple missions and tasks simultaneously with campaign quality utilizing a mobile throughput feature. It will be a framework conforming to established standards and protocols for the network while interfacing with and/or replacing equipment in current forces. The WIN-T outmodes Mobile Subscriber Equipment (MSE) and Tri-Services Tactical Communications (TRI-TAC) capabilities and builds upon functionality provided by Joint Network Node (JNN).</p>										
<u>Accomplishments/Planned Program</u>						<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>		
Prepare technical assessment and research studies.						993	1056	1072		
Prepare/coordinate contractual and milestone documentation, perform program support and management efforts, and conduct System Design Review (SDR) and Preliminary Design Review (PDR).						5536	5878	5506		
Continues final portion of Phase 2 System Development and Demonstration (SDD). The Prime Contractor and major subcontractors provide final architecture, Modeling and Simulation (M&S), system design, preliminary design and prototypes to support tests and milestone efforts.						73653	76072	136659		
Provide test support to include M&S and Development Test/Operational Test (DT/OT).						7690	6101	6223		
Provide system engineering and technical support to the WIN-T program.						7119	8950	8697		
Total						94991	98057	158157		

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<u>B. Program Change Summary</u>			FY 2005	FY 2006	FY 2007						
Previous President's Budget (FY 2006)			95321	131081	152490						
Current BES/President's Budget (FY 2007)			94991	98057	158157						
Total Adjustments			-330	-33024	5667						
Congressional Program Reductions				-31600							
Congressional Rescissions				-1424							
Congressional Increases											
Reprogrammings			-330								
SBIR/STTR Transfer											
Adjustments to Budget Years					5667						
Change Summary Explanation: FY06 Congressional Program Reductions(-\$31600) to higher priority requirements.											
<u>C. Other Program Funding Summary</u>			FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost
B79100 - WIN-Tactical Program (OPA)			0	100175	0	0	0	362818	505059	10936562	11904614
<p>Comment: The WIN-T program is currently being rebaselined, the new strategy reflects the program entering the Production Phase in FY10. The FY06 Procurement funds will need to be reprogrammed to RDTE to support technology development for the rebaselined program.</p> <p><u>D. Acquisition Strategy</u> In August 2002, two separate competitive contracts were awarded to General Dynamics Government Systems Corporation and Lockheed Martin Mission Systems to perform Pre-Milestone B efforts which included system engineering tasks, program management tasks and engineering services necessary to conduct initial requirements analyses and generate network architecture designs. The 30 July 2003, Milestone B Defense Acquisition Board approved entry of the WIN-T program into the System Development and Demonstration (SDD) Phase, resulting in the contract SDD option awards to further develop the architecture, produce prototypes, conduct modeling and simulation, and support a Development Test/Operational Test 1QFY06.</p> <p>On 10 September 2004, the Defense Acquisition Executive authorized a revised acquisition approach for the WIN-T program. The new approach combines the two contractors into a single team with General Dynamics as the prime and Lockheed Martin as a major subcontractor. Formal direction to start work on the combined approach was sent to both contractors on 15 September 2004. The Lockheed Martin contract was terminated for convenience on 26 September 2004. An amendment to the Acquisition Strategy has been developed and approved by the Army Acquisition Executive.</p>											

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<p>The Training and Doctrine Command (TRADOC) was directed to provide the program with a Capabilities Development Document (CDD) versus and Capabilities Production Document (CPD). These combined events resulted in the submission of a Program Deviation Report (PDR) on 7 Oct 05. The Program Management Office (PMO) is currently undergoing a rebaseline and assessing its impacts.</p>		

ARMY RDT&E COST ANALYSIS (R3)										February 2006		
BUDGET ACTIVITY			PE NUMBER AND TITLE								PROJECT	
4 - Advanced Component Development and Prototypes			0603782A - WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL								355	
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Phase 1 Pre Milestone B	CPFF/T&M	Lockheed Martin Mission Systems, Gaithersburg, MD	21185	0		0		0		0	21185	0
Phase 1 Pre Milestone B	CPFF/T&M	General Dynamics Government Systems Corp, Taunton, MA	13306	0		0		0		0	13306	0
Phase 2 SDD	CPFF/T&M	Lockheed Martin Mission Systems, Gaithersburg, MD	39962	0		0		0		0	39962	0
Phase 2 SDD	CPFF/CPAF/T &M	General Dynamics Government Systems Corp, Taunton, MA	35826	73653	1-4Q	76072	1-4Q	136659	1-4Q	0	0	0
Subtotal:			110279	73653		76072		136659		0	74453	0
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
WIN-T Technical Assessment and Research Studies	Various	Various	1541	993	1-4Q	1056	1-4Q	1072	1-4Q	Continue	0	0
Systems Engineering and Technical Support	Various	Various	11877	7119	1-4Q	8950	1-4Q	8698	1-4Q	Continue	0	0
Subtotal:			13418	8112		10006		9770		Continue	0	0
III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract

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Modeling and Simulation and Testing	Various	Various	4270	7690	1-4Q	6101	1-4Q	6223	1-4Q	Continue	0	0
Subtotal:			4270	7690		6101		6223		Continue	0	0
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Documentation Preparation & PM Support	Various	Various	4965	3656	1-4Q	4129	1-4Q	3650	1-4Q	Continue	0	0
Conducted Source Selection Evaluation Board and Conduct Should Cost Effort	Various	Various	326	0		0		0		0	0	0
Travel, licenses, facilities, etc.	Various	Various	1640	891	1-4Q	890	1-4Q	908	1-4Q	Continue	0	0
MITRE Support	PWD	MITRE, Eatontown, NJ	3365	989	1-4Q	859	1-4Q	947	1-4Q	Continue	0	0
Subtotal:			10296	5536		5878		5505		Continue	0	0
Project Total Cost:			138263	94991		98057		158157		Continue	74453	0



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Schedule Detail (R4a Exhibit)						February 2006	
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<u>Schedule Detail</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>
Phase 2 SDD Option	1-4Q	1-2Q					
Rebaseline Milestone B		4Q					
Continued System Development and Demonstration Contract		2-4Q	1-4Q	1-4Q	1-4Q	1-2Q	
Critical Design Review				3Q			
Development Test/Operational Test (DT/OT)		1Q					
Development Test/Operational Test w/EDMs					4Q		
Increment 1 Milestone C						3Q	
Production Contract Award						3Q	
Production Contract						3-4Q	1-4Q