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Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Army **DATE:** February 2011

APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>				PE 0603782A: <i>WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL</i>							
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
Total Program Element	164.014	190.903	297.955	-	297.955	275.192	168.948	71.671	41.843	Continuing	Continuing
367: <i>WIN-T INCREMENT 2 - INITIAL NETWORKING-ON-THE-MOVE</i>	18.303	17.413	10.147	-	10.147	-	-	-	20.983	Continuing	Continuing
372: <i>WIN-T INCREMENT 3 - FULL NETWORKING ON THE MOVE</i>	145.711	173.490	287.808	-	287.808	275.192	168.948	71.671	20.860	Continuing	Continuing

Note

Change Summary Explanation for FY12:

PB11(\$175.504) FY12PB (\$297955) DELTA \$122.451M

The FY12 RDTE increase is necessary to cover increased Inc 3 RDTE efforts to support MS C decision.

A. Mission Description and Budget Item Justification

The Defense Acquisition Executive (DAE), through the Nunn-McCurdy certification process, certified a restructured WIN-T program on June 5, 2007. The certification Acquisition Decision Memorandum (ADM) stated that the Army will restructure the WIN-T Major Defense Acquisition Program (MDAP) to absorb the former Joint Network Node (JNN) Network program. It further stated that the restructured program will consist of four Increments: Inc 1, Inc 2, Inc 3, and Inc 4.

WIN-T is key to the Army's Network Modernization program. The WIN-T program's focus is to design, develop, produce and field the Future Modular Force transport network, while leveraging mature technologies that can enhance the Current Modular Force to operate in an emerging noncontiguous environment.

FY12 funding in support of Inc 2 provides government test support for New Equipment Training, Cold Region Test, Force Development Test/Experimentation (FD/T), Initial Operational Test (IOT), as well as the support required for the Full Rate Production Decision Review.

FY12 funding in support of Inc 3 continues the Inc 3 System Development and Demonstration contract to include software development engineering builds, continued development of Inc 3 mature technologies that will be inserted into Inc 2, development of an aerial tier, as well as continuing the objective transmission subsystem; JC4ISR radio and associated antennas and the Transmission Subsystem Critical Design Review (TSS CDR) to support the Inc 3 engineering and manufacturing development phase.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Army				DATE: February 2011	
APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE			
2040: Research, Development, Test & Evaluation, Army		PE 0603782A: WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL			
BA 4: Advanced Component Development & Prototypes (ACD&P)					
B. Program Change Summary (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Previous President's Budget	169.783	190.903	175.504	-	175.504
Current President's Budget	164.014	190.903	297.955	-	297.955
Total Adjustments	-5.769	-	122.451	-	122.451
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments 1	-5.769	-	122.451	-	122.451

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Army									DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603782A: WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL				PROJECT 367: WIN-T INCREMENT 2 -INITIAL NETWORKING-ON-THE-MOVE			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
367: WIN-T INCREMENT 2 - INITIAL NETWORKING-ON-THE- MOVE	18.303	17.413	10.147	-	10.147	-	-	-	20.983	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

Increment 2 capability supports limited collaboration, mission planning and on-the-move. WIN-T Inc 2 is key to the Army's Network Modernization program. It enables distribution of information via voice, data, and real-time video from ground-to-ground and ground-to satellite communications. Increment 2 capitalizes on commercial off-the-shelf/Government off-the-shelf (COTS)/(GOTS), mature technologies and adds mobility to the Brigade Combat Team (BCT) including Battalions and Companies. Increment 2 initially enables planning, monitoring, controlling and prioritizing (PMCP) the Div Headquarters (HQs) and/or the Bde network. It will disseminate critical information in less than five seconds and time sensitive information in less than eight seconds. Mobile communications for select users are enabled at 256 kbps for speeds up to 25 mph. It provides vehicular personnel force protection. It extends wide area/Global Information Grid (GIG) network connectivity to the lower tactical subnets at the company level. Network survivability is enhanced by automatically reconfiguring the network due to node(s) or link loss(es). Spectrum reuse is accomplished with the Highband Network Waveform (HNW) and Net Centric Waveform (NCW). The Quality of Service (QoS) capability enables message trafficking prioritization by level of importance to the warfighter. This Increment provides commercial and military band satellite communications to Div, Bde, Bn and Company (Co). WIN-T Inc 3 develops the mature technologies which will be inserted into Inc 2.

FY12 funding provides government test support for New Equipment Training, Cold Region Test, Force Development Test and Experimentation (FDT/E), Initial Operational Test (IOT), as well as the support required for the Full Rate Production Decision Review.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Title: Test and Evaluation	15.526	16.808	9.753	-	9.753
Articles:	0	0			
Description: Test and Modeling and Simulation activities.					
FY 2010 Accomplishments: WIN-T Increment 2 completed MS C and entered Low Rate Initial Production (LRIP). Completion of DT/LUT report for MS C, Phase 1, 2 and 3 reliability growth tests and preparation for PQT-C.					
FY 2011 Plans:					

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Army			DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)		R-1 ITEM NOMENCLATURE PE 0603782A: WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL		PROJECT 367: WIN-T INCREMENT 2 -INITIAL NETWORKING-ON-THE-MOVE		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
WIN-T Increment 2 will conduct Production Qualification Test - Contractor (PQT-C), Production Qualification Test - Government (PQT-G), and Logistics Demonstration as well as preparation for IOT. FY 2012 Base Plans: WIN-T Increment 2 will provide government test support for New Equipment Training, Cold Region Test, Force Development Test and Experimentation (FDT&E), Initial Operational Test (IOT), as well as the support required for the Full Rate Production Decision Review.						
Title: Support Cost Articles: Description: Technical Engineering Services and Research Studies. FY 2010 Accomplishments: Technical Engineering Services and Research Studies.		2.241 0	-	-	-	-
Title: Management Services Articles: Description: Program Management Support FY 2010 Accomplishments: Program Management support for successful completion of MS C. FY 2011 Plans: Program Management Support and Small Business Innovative Research (SBBR)/ Small Business Technology Transfer (STTR) support. FY 2012 Base Plans: Program Management support.		0.536 0	0.605 0	0.394	-	0.394
Accomplishments/Planned Programs Subtotals		18.303	17.413	10.147	-	10.147

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Army	DATE: February 2011
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APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0603782A: <i>WARFIGHTER INFORMATION</i> <i>NETWORK-TACTICAL - DEM/VAL</i>	PROJECT 367: <i>WIN-T INCREMENT 2 -INITIAL</i> <i>NETWORKING-ON-THE-MOVE</i>
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C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u> <u>Base</u>	<u>FY 2012</u> <u>OCO</u>	<u>FY 2012</u> <u>Total</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• BW7115: <i>WIN-T Inc 2</i> <i>Procurement</i>	457.408	335.265	924.184	0.547	924.731		725.956	1,032.171	961.229	Continuing	Continuing

D. Acquisition Strategy

The Defense Acquisition Executive (DAE), through the Nunn-McCurdy certification process, certified a restructured WIN-T program on June 5, 2007. The certification Acquisition Decision Memorandum (ADM) stated that the Army will restructure the WIN-T Major Defense Acquisition Program (MDAP) to absorb the former Joint Network Node (JNN) Network program. It further stated that the restructured program will consist of four Increments: Incs 1, 2, 3, and 4.

Inc 2 has completed Limited User Testing (LUT) and a Production Readiness Review (PRR). The program obtained MS C approval in February 2010, and awarded a Low Rate Initial Production Letter contract for LRIP Lot 1A in March 2010. The March 09, 2010 Inc 2 ADM authorizes the Army to procure the first LRIP Lot 1A communication nodes to support the IOT&E. September 03, 2010 Army was authorized to procure the second LRIP Lots 1B and 2 upon definitization of the LRIP Lot 1A contract. The LRIP contract was definitized on December 30, 2010.

E. Performance Metrics

Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Army											DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603782A: WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL				PROJECT 367: WIN-T INCREMENT 2 -INITIAL NETWORKING-ON-THE-MOVE					
Management Services (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	Various	Various:Various	10.494	0.605		0.394		-		0.394	Continuing	Continuing	Continuing
Subtotal			10.494	0.605		0.394		-		0.394			
Product Development (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Platform Integration	Various	Various:Various	14.408	-		-		-		-	Continuing	Continuing	Continuing
Increment 2 ECP to the Inc 3 SDD	Various	General Dynamics C4 Systems Inc:Taunton, MA	43.191	-		-		-		-	Continuing	Continuing	Continuing
Subtotal			57.599	-		-		-		-			
Support (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Technical Engineering Services and Research Studies	Various	General Dynamics C4 Systems Inc:Taunton, MA	6.741	-		-		-		-	Continuing	Continuing	Continuing
Subtotal			6.741	-		-		-		-			
Test and Evaluation (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test and Modeling & Simulation	Various	Various:Various	24.786	16.808		9.753		-		9.753	Continuing	Continuing	Continuing
Subtotal			24.786	16.808		9.753		-		9.753			

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Army							DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>			R-1 ITEM NOMENCLATURE PE 0603782A: <i>WARFIGHTER INFORMATION</i> <i>NETWORK-TACTICAL - DEM/VAL</i>				PROJECT 367: <i>WIN-T INCREMENT 2 -INITIAL</i> <i>NETWORKING-ON-THE-MOVE</i>		
	Total Prior Years Cost	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract	
Project Cost Totals	99.620	17.413	10.147	-	10.147				
Remarks									

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Army	DATE: February 2011
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APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0603782A: <i>WARFIGHTER INFORMATION</i> <i>NETWORK-TACTICAL - DEM/VAL</i>	PROJECT 367: <i>WIN-T INCREMENT 2 -INITIAL</i> <i>NETWORKING-ON-THE-MOVE</i>
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	FY 2010				FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Milestone C	■																											
Contract Award for Low Rate Initial Production 1A	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
LRIP Production	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Increment 2 Low Rate Initial Production 1B / 2 Award						■	■																					
Production Qualification Test Contractor						■	■	■																				
Production Qualification Test Government							■	■	■																			
Logistics Demonstration								■	■																			
Increment 2 NET										■	■																	
Cold Region Test										■	■																	
Force Development Test and Experimentation											■	■																
Initial Operational Test												■	■															
FRP Decision Review													■	■														
First Unit Equipped														■	■													
Initial Operating Capability																■	■											

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Exhibit R-4A, RDT&E Schedule Details: PB 2012 Army	DATE: February 2011
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APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0603782A: <i>WARFIGHTER INFORMATION</i> <i>NETWORK-TACTICAL - DEM/VAL</i>	PROJECT 367: <i>WIN-T INCREMENT 2 -INITIAL</i> <i>NETWORKING-ON-THE-MOVE</i>
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Milestone C	1	2010	1	2010
Contract Award for Low Rate Initial Production 1A	1	2010	1	2012
LRIP Production	1	2010	3	2012
Increment 2 Low Rate Initial Production 1B / 2 Award	1	2011	1	2011
Production Qualification Test Contractor	1	2011	2	2011
Production Qualification Test Government	2	2011	3	2011
Logistics Demonstration	3	2011	3	2011
Increment 2 NET	1	2012	1	2012
Cold Region Test	1	2012	1	2012
Force Development Test and Experimentation	2	2012	2	2012
Initial Operational Test	2	2012	2	2012
FRP Decision Review	3	2012	3	2012
First Unit Equipped	3	2012	3	2012
Initial Operating Capability	2	2013	2	2013

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Army								DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603782A: WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL				PROJECT 372: WIN-T INCREMENT 3 - FULL NETWORKING ON THE MOVE			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
372: WIN-T INCREMENT 3 - FULL NETWORKING ON THE MOVE	145.711	173.490	287.808	-	287.808	275.192	168.948	71.671	20.860	Continuing	Continuing
Quantity of RDT&E Articles											
A. Mission Description and Budget Item Justification											
Warfighter Information Network - Tactical (WIN-T) Inc 3 is the Army's communications system for reliable, secure, and seamless video, data, imagery, and voice services that enables decisive combat actions. WIN-T Inc 3 is key to the Army's Network Modernization program. 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. WIN-T Increment 3 will provide the Commander/user within the tactical area of responsibility a mobile infrastructure that passes relevant information effectively and efficiently for combined arms capabilities in all required terrain and environmental conditions. WIN-T is implementing the Global Information Grid (GIG) NetCentric Vision including Information Assurance and Network Centric Enterprise Services. In addition, WIN-T is a key component of the tactical GIG. WIN-T provides dynamic bandwidth and enabling formations On-The-Move (OTM). WIN-T Inc 3 develops the mature technologies which will be inserted into Inc 2. Inc 3 introduces the aerial tier to complete the 3 tier objective architecture.											
FY12 funding continues the Inc 3 System Development and Demonstration contract to include software development engineering builds, continued development of Inc 3 mature technologies that will be inserted into Inc 2, development of an aerial tier, as well as providing the objective transmission subsystem; Joint Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (JC4ISR) radio and associated antennas and the Transmission Subsystem Critical Design Review (TSS CDR) to support the Inc 3 engineering and manufacturing development phase.											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)							FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Title: Product Development							127.6090	152.5120	256.565	-	256.565
Articles:											
Description: Increment 3 Engineering Manufacturing Development continues development of Inc 3 system, hardware and software development, prototype manufacturing of test assets for the Inc 3 system as well as Inc 2 technical inserts and an aerial tier.											
FY 2010 Accomplishments: WIN-T Increment 3 continues the Engineering Manufacturing Development phase and began Platform Integration.											
FY 2011 Plans:											

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Army			DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)		R-1 ITEM NOMENCLATURE PE 0603782A: WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL		PROJECT 372: WIN-T INCREMENT 3 - FULL NETWORKING ON THE MOVE		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)						
		FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
WIN-T Increment 3 continues the Engineering Manufacturing Development phase and Platform Integration. FY 2012 Base Plans: WIN-T Increment 3 continues the Engineering Manufacturing Development phase and Platform Integration.						
Title: Support Cost Articles: Description: Technical Engineering Services and Research Studies FY 2010 Accomplishments: Technical Engineering Services and Research Studies FY 2011 Plans: Technical Engineering Services and Research Studies FY 2012 Base Plans: Technical Engineering Services and Research Studies		4.559 0	4.632 0	4.714	-	4.714
Title: Test and Evaluation Articles: Description: Testing and Modeling and Simulation FY 2011 Plans: WIN-T Increment 3 will continue with testing and Modeling and Simulation activites. FY 2012 Base Plans: WIN-T Increment 3 will continue with testing and Modeling and Simulation activites and fund preparation for the TSS DT/LUT.		-	1.103 0	4.569	-	4.569
Title: Management Services Articles: Description: Program Management Support and Small Business Innovative Research (SBBR)/ Small Business Technology Transfer (STTR) support. FY 2010 Accomplishments:		13.543 0	15.243 0	21.960	-	21.960

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Program Management Support. <i>FY 2011 Plans:</i> Program Management Support and Small Business Innovative Research (SBBR)/ Small Business Technology Transfer (STTR) support. <i>FY 2012 Base Plans:</i> Program Management Support.					
Accomplishments/Planned Programs Subtotals	145.711	173.490	287.808	-	287.808

C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012 Base</u>	<u>FY 2012 OCO</u>	<u>FY 2012 Total</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• BW7120: <i>WIN-T Inc 3</i> <i>Procurement</i>							316.587	299.818	406.731	Continuing	Continuing

D. Acquisition Strategy

The Defense Acquisition Executive (DAE), through the Nunn-McCurdy certification process, certified a restructured WIN-T program on June 5, 2007. The certification Acquisition Decision Memorandum (ADM) stated that the Army will restructure the WIN-T Major Defense Acquisition Program (MDAP) to absorb the former Joint Network Node (JNN) Network program. It further stated that the restructured program will consist of four Increments: Incs 1, 2, 3, and 4.

The ADM of May 18, 2009 approved an initial Acquisition Program Baseline (APB) for Inc 3 and noted known changes to the program including elimination of Future Combat Systems (FCS) manned ground vehicles (MGVs), liquid cooled radios, and, subsequently, the termination of Class IV Unmanned Aerial Vehicles (UAV). A follow-on Increment 3 ADM on July 31, 2009 permitted the obligation of remaining FY2009 Research, Development, Test and Evaluation (RDT&E) funds to resource EMD efforts including development of the Joint Command, Control, Communications, Computer, Intelligence, Surveillance and Reconnaissance radio to support the air-tier capability. The revised Acquisition Program Baseline (APB) as directed in the ADM aligns with the Department's FY 2010 and FY 2011 President's Budgets as well as the cancellation of the Future Combat Systems (FCS) manned ground vehicle component. This revised ADM was approved on October 22, 2010.

E. Performance Metrics

Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Army											DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603782A: WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL				PROJECT 372: WIN-T INCREMENT 3 - FULL NETWORKING ON THE MOVE					
Management Services (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	Various	Various:Various	44.746	15.243		21.960		-		21.960	Continuing	Continuing	Continuing
Subtotal			44.746	15.243		21.960		-		21.960			
Product Development (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Increment 3 System Development and Demonstration	Various	General Dynamics C4 Systems Inc:Taunton, MA	390.180	148.112		220.188		-		220.188	Continuing	Continuing	Continuing
Platform Integration	Various	Various:Various	0.700	4.400		36.377		-		36.377	Continuing	Continuing	Continuing
Subtotal			390.880	152.512		256.565		-		256.565			
Support (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Technical Engineering Services and Research Studies	Various	General Dynamics C4 Systems Inc:Taunton, MA	9.058	4.632		4.714		-		4.714	Continuing	Continuing	Continuing
Subtotal			9.058	4.632		4.714		-		4.714			
Test and Evaluation (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Testing and Modeling & Simulation	Various	Various:Various	2.005	1.103		4.569		-		4.569	Continuing	Continuing	Continuing
Subtotal			2.005	1.103		4.569		-		4.569			

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Army							DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>			R-1 ITEM NOMENCLATURE PE 0603782A: <i>WARFIGHTER INFORMATION</i> <i>NETWORK-TACTICAL - DEM/VAL</i>			PROJECT 372: <i>WIN-T INCREMENT 3 - FULL</i> <i>NETWORKING ON THE MOVE</i>			
	Total Prior Years Cost	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract	
Project Cost Totals	446.689	173.490	287.808	-	287.808				
Remarks									

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Army	DATE: February 2011
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APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0603782A: <i>WARFIGHTER INFORMATION NETWORK-TACTICAL - DEM/VAL</i>	PROJECT 372: <i>WIN-T INCREMENT 3 - FULL NETWORKING ON THE MOVE</i>
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	FY 2010				FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Transmission Subsystem Critical Design Review																												
Full Critical Design Review																												
TSS DT/LUT																												
Development Test																												
New Equipment Training																												
Limited User Test																												
Production Readiness Review																												
Milestone C																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2012 Army			DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0603782A: <i>WARFIGHTER INFORMATION</i> <i>NETWORK-TACTICAL - DEM/VAL</i>	PROJECT 372: <i>WIN-T INCREMENT 3 - FULL</i> <i>NETWORKING ON THE MOVE</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Transmission Subsystem Critical Design Review	1	2012	1	2012
Full Critical Design Review	2	2013	2	2013
TSS DT/LUT	3	2013	4	2013
Development Test	3	2014	3	2014
New Equipment Training	3	2014	3	2014
Limited User Test	3	2014	4	2014
Production Readiness Review	4	2014	4	2014
Milestone C	1	2015	1	2015

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