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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2016 Army	<b>Date:</b> February 2015
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<b>Appropriation/Budget Activity</b> 2040: Research, Development, Test & Evaluation, Army / BA 4: Advanced Component Development & Prototypes (ACD&P)					<b>R-1 Program Element (Number/Name)</b> PE 0603782A / Warfighter Information Network-Tactical - DEM/VAL							
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
Total Program Element	-	118.256	-	-	-	-	-	-	-	-	-	118.256
367: Win-T Increment 2 -Initial Networking	-	1.064	-	-	-	-	-	-	-	-	-	1.064
372: WIN-T Increment 3 - Full Networking	-	117.192	-	-	-	-	-	-	-	-	-	117.192

**Note**  
Inc 2 and Inc 3 efforts were realigned to new PEs in FY15 to reflect correct level of RDTE effort.

Inc 2 PE 0603782/367 was realigned to PE 0300349/EE7.  
Inc 3 PE 0603782/372 was realigned to PE 0605350/EE8.

**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 provide tactical network capability that supports the Army's Capability Set fielding.

<b>B. Program Change Summary (\$ in Millions)</b>	<b><u>FY 2014</u></b>	<b><u>FY 2015</u></b>	<b><u>FY 2016 Base</u></b>	<b><u>FY 2016 OCO</u></b>	<b><u>FY 2016 Total</u></b>
Previous President's Budget	122.319	-	-	-	-
Current President's Budget	118.256	-	-	-	-
Total Adjustments	-4.063	-	-	-	-
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-4.063	-			

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Army										Date: February 2015		
Appropriation/Budget Activity 2040 / 4					R-1 Program Element (Number/Name) PE 0603782A / Warfighter Information Network-Tactical - DEM/VAL				Project (Number/Name) 367 / Win-T Increment 2 -Initial Networking			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
367: Win-T Increment 2 -Initial Networking	-	1.064	-	-	-	-	-	-	-	-	-	1.064
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
Note												
WIN-T Inc 2 effort was funded under PE 0603782 Project 367 through FY14. This effort is funded under PE 0300349 Project EE7 in FY15 and out.												
A. Mission Description and Budget Item Justification												
Warfighter Information Network (WIN-T) Increment (Inc) 2 provides the Army with On-The-Move (OTM) networking capability. The Inc 2 network retains capabilities delivered by WIN-T Inc 1 and by leveraging proven government and commercial technologies, adds greater network throughput and automated Network Management to optimize planning (to include spectrum use), initialization, monitoring and troubleshooting. WIN-T Inc 2 employs Satellite Communications (SATCOM) OTM to extend the network in maneuver Brigade Combat Teams (BCTs) to Company level for the first time. Using equipment mounted on combat platforms, WIN-T Inc 2 delivers a mobile capability that reduces reliance on fixed infrastructure and allows key leaders to move on the battlefield while retaining Situational Awareness and Mission Command capabilities. Using the Highband Networking Radio (HNR), with the Highband Networking Waveform (HNW) and high performance antennas, the WIN-T Inc 2 Line-of-Sight (LoS) network offers an adaptive 30 Megabit per second (Mbps) aggregate throughput to key leaders in their Command Post or in their vehicle. The WIN-T Inc 2 network is self-forming, which means that it automatically creates transmission paths based on terrain and environmental conditions; and self-healing, meaning that the paths will automatically re-route traffic to complete network transactions and calls even if one or more nodes break down or loses connectivity. This offers greater network reliability and better end-to-end connectivity than traditional point-to-point networks. WIN-T Inc 2 introduces the network management capability needed to keep the mobile and dispersed forces networked together through automated planning, initialization, monitoring, and troubleshooting. Finally, WIN-T adopts "Colorless Core" technology that encrypts both classified and unclassified user information in the network and minimizes the number of users on the "core" of the network. The Colorless Core allows commanders to utilize the tactical network without fear of the enemy intercepting information. Colorless Core is a technical insertion in the WIN-T Inc 1b network which enables information sharing between Inc 1b and Inc 2.												
WIN-T Inc 3 mature NetOps technologies will be inserted into Increment 2 units.												
B. Accomplishments/Planned Programs (\$ in Millions)										FY 2014	FY 2015	FY 2016
Title: Test and Evaluation										0.997	-	-
Description: Testing and Evaluation												
FY 2014 Accomplishments: WIN-T Inc 2 supported NIE 14.1 and NIE 14.2 tests.												
Title: Management Services										0.067	-	-

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2016 Army								<b>Date:</b> February 2015			
<b>Appropriation/Budget Activity</b> 2040 / 4				<b>R-1 Program Element (Number/Name)</b> PE 0603782A / Warfighter Information Network-Tactical - DEM/VAL				<b>Project (Number/Name)</b> 367 I Win-T Increment 2 -Initial Networking			
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>								<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	
<b>Description:</b> System Engineering and Program Management Support											
<b>FY 2014 Accomplishments:</b> Program Management support.											
<b>Accomplishments/Planned Programs Subtotals</b>								1.064	-	-	
<b>C. Other Program Funding Summary (\$ in Millions)</b>											
<b>Line Item</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
• WIN-T Inc 2: <i>Procurement</i>	364.438	361.709	504.463	-	504.463	523.513	617.337	627.618	630.365	-	3,629.443
• Inc 2 Spares: <i>Procurement Spares</i>	21.629	26.100	39.532	-	39.532	22.178	49.562	50.799	124.989	-	334.789
• RDTE Inc 2 PE 370349/ EE7: <i>RDTE PE 370349/EE7</i>	-	3.247	3.800	-	3.800	-	-	-	-	-	7.047
• OMA OCO Inc 2: <i>OMA OCO</i>	6.540	-	-	-	-	-	-	-	-	-	6.540
<b>Remarks</b>											
<b>D. Acquisition Strategy</b>											
<p>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.</p> <p>The ADM of September 27, 2013 authorized the procurement of 98 additional communications nodes for Low Rate Initial Production (LRIP), bringing the total LRIP quantity to 1,030 communications nodes. The Project Manager (PM) procured the authorized quantities on the current initial production contract (W15P7T-10-D-C007). This contract was awarded in 2010 as a three year contract with three option years. Lots 1, 2, 3, 4 (minus SNEs) and Lot 5 training bases have been procured. Lot 4 SNEs and Lot 5 configuration items will be awarded in May 2015, following a successful Full Rate Production Decision.</p> <p>Inc 2 provides the Army with On-The-Move (OTM) networking capability. Inc 3 NetOps will be technically inserted into Inc 2 and these inserts will be tested in subsequent Network Integration Evaluation (NIE) events.</p>											
<b>E. Performance Metrics</b>											
N/A											

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis: PB 2016 Army</b>												<b>Date: February 2015</b>			
<b>Appropriation/Budget Activity</b> 2040 / 4						<b>R-1 Program Element (Number/Name)</b> PE 0603782A / Warfighter Information Network-Tactical - DEM/VAL						<b>Project (Number/Name)</b> 367 / Win-T Increment 2 -Initial Networking			
<b>Management Services (\$ in Millions)</b>				<b>FY 2014</b>		<b>FY 2015</b>		<b>FY 2016 Base</b>		<b>FY 2016 OCO</b>		<b>FY 2016 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Program Management Support	Various	Various : Various	26.819	-		-		-		-		-	-	26.819	-
<b>Subtotal</b>			26.819	-		-		-		-		-	-	26.819	-
<b>Product Development (\$ in Millions)</b>				<b>FY 2014</b>		<b>FY 2015</b>		<b>FY 2016 Base</b>		<b>FY 2016 OCO</b>		<b>FY 2016 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Platform Integration	Various	Various : Various	19.641	-		-		-		-		-	-	19.641	-
WIN-T Contract	Various	General Dynamics C4 Systems Inc : Taunton, MA	138.598	0.067		-		-		-		-	-	138.665	-
<b>Subtotal</b>			158.239	0.067		-		-		-		-	-	158.306	-
<b>Support (\$ in Millions)</b>				<b>FY 2014</b>		<b>FY 2015</b>		<b>FY 2016 Base</b>		<b>FY 2016 OCO</b>		<b>FY 2016 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Technical Engineering Services adn Research Studies	Various	General Dynamics C4 Systems Inc : Taunton, MA	7.086	-		-		-		-		-	-	7.086	-
<b>Subtotal</b>			7.086	-		-		-		-		-	-	7.086	-
<b>Test and Evaluation (\$ in Millions)</b>				<b>FY 2014</b>		<b>FY 2015</b>		<b>FY 2016 Base</b>		<b>FY 2016 OCO</b>		<b>FY 2016 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Test	Various	Various : Various	63.295	0.997		-		-		-		-	-	64.292	-
<b>Subtotal</b>			63.295	0.997		-		-		-		-	-	64.292	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Army										Date: February 2015					
Appropriation/Budget Activity 2040 / 4					R-1 Program Element (Number/Name) PE 0603782A / Warfighter Information Network-Tactical - DEM/VAL					Project (Number/Name) 367 / Win-T Increment 2 -Initial Networking					
			Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			255.439	1.064		-		-		-		-	-	256.503	-

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army																				Date: February 2015												
Appropriation/Budget Activity										R-1 Program Element (Number/Name)										Project (Number/Name)												
2040 / 4										PE 0603782A / Warfighter Information Network-Tactical - DEM/VAL										367 / Win-T Increment 2 -Initial Networking												
Event Name	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020							
	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				
LRIP Production	LRIP																															
Network Integrated Evaluation 14.1	NIE 14.1																															
Developmental Test 1	DT 1																															
(1) Delivery Order Award 1	DO (Lot 5)																															
Network Integrated Evaluation 14.2	NIE 14.2																															
Developmental Test 2	DT 2																															
Network Integrated Evaluation 15.1 (FOT&E) (Stryker)	NIE 15.1 FOT&E																															
M- Demo	M- Demo																															
(2) Army Material Release	Army MR																															
(3) Full Rate Production Decision Review	FRP DR																															
(4) Delivery Order Award 2	DO (Lot 6)																															
Full Rate Production/Fielding	FRP/Fielding																															
(5) Follow-on Production Award & Del. Order Award 3	Follow-on Production Award & DO (Lot 7)																															

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army																Date: February 2015																					
Appropriation/Budget Activity 2040 / 4										R-1 Program Element (Number/Name) PE 0603782A / Warfighter Information Network-Tactical - DEM/VAL								Project (Number/Name) 367 / Win-T Increment 2 -Initial Networking																			
Event Name										FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
										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
(1) Delivery Order Award 4														DO (Lot 8)				1																			
(2) Delivery Order Award 5																		DO (Lot 9) 2																			
(3) Contract Award & Delivery Order Award 6																		Contract Award & DO (Lot 10) 3																			
(4) Delivery Order Award 7																		DO (Lot 11) 4																			

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2016 Army			<b>Date:</b> February 2015
<b>Appropriation/Budget Activity</b> 2040 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603782A / <i>Warfighter Information Network-Tactical - DEM/VAL</i>	<b>Project (Number/Name)</b> 367 / <i>Win-T Increment 2 -Initial Networking</i>	

## Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
LRIP Production	2	2010	3	2015
Network Integrated Evaluation 14.1	1	2014	1	2014
Developmental Test 1	2	2014	2	2014
Delivery Order Award 1	2	2014	2	2014
Network Integrated Evaluation 14.2	3	2014	3	2014
Developmental Test 2	3	2014	3	2014
Network Integrated Evaluation 15.1 (FOT&E) (Stryker)	1	2015	1	2015
M- Demo	2	2015	2	2015
Army Material Release	3	2015	3	2015
Full Rate Production Decision Review	3	2015	3	2015
Delivery Order Award 2	3	2015	3	2015
Full Rate Production/Fielding	3	2015	4	2020
Follow-on Production Award & Del. Order Award 3	1	2016	1	2016
Delivery Order Award 4	1	2017	1	2017
Delivery Order Award 5	1	2018	1	2018
Contract Award & Delivery Order Award 6	1	2019	1	2019
Delivery Order Award 7	1	2020	1	2020



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Exhibit R-2A, RDT&E Project Justification: PB 2016 Army										Date: February 2015		
Appropriation/Budget Activity 2040 / 4					R-1 Program Element (Number/Name) PE 0603782A / Warfighter Information Network-Tactical - DEM/VAL				Project (Number/Name) 372 / WIN-T Increment 3 - Full Networking			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
372: WIN-T Increment 3 - Full Networking	-	117.192	-	-	-	-	-	-	-	-	-	117.192
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
Note WIN-T Inc 3 effort was funded under PE 0603782 Project 372 through FY14. This effort is funded under PE 0605350 Project EE8 in FY15 and out.												
A. Mission Description and Budget Item Justification Warfighter Information Network – Tactical (WIN-T) Increment (Inc) 3 develops the Network Operations (NetOps) software to meet the Army's Network Convergence goals. NetOps provides the monitoring, control and planning tools to ensure management of the voice, data and internet transport networks. The NetOps software will also provide Information Assurance and Network Centric Enterprise Services. This allows for seamless integration of the tactical network planning, management, monitoring, and defense for the Signal staff. These NetOps improvements simplify the management of the network and increase the automation of tools and reporting. The developed NetOps software enhancements will be provided as a technical insertion to WIN-T Incs 1 and 2.  Inc 3 also develops the enhanced Net Centric Waveform (NCW) version 10.x for increased throughput capability beyond line of sight (BLOS) satellite communication and the Highband Networking Waveform (HNW) version 3.0 for line of sight (LOS) communications. NCW version 10.x will support Army Strategic Command certification of the waveform for use on Wideband Global Satellites. HNW version 3.0 will be inserted into the Joint Tactical Networking Center Information Repository. Both NCW and HNW provide improved network capacity and robustness.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2014	FY 2015	FY 2016	
Title: Product Development  Description: Inc 3 Engineering Manufacturing Development (EMD) continues development of Inc 3 system, hardware and software development, and prototype manufacturing of test assets for the Inc 3 system.  FY 2014 Accomplishments: Completed NetOps Build 3.0 and Waveform Build. Start of NetOps Build 4.0 and HNW integration. Completes initial Condition Based Maintenance Plus (CBM+) effort. Starts further CBM+ integration with NetOps.									89.867	-	-	
Title: Support Cost  Description: Technical Engineering Services and Research Studies  FY 2014 Accomplishments:									5.878	-	-	

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2016 Army							<b>Date:</b> February 2015				
<b>Appropriation/Budget Activity</b> 2040 / 4				<b>R-1 Program Element (Number/Name)</b> PE 0603782A / Warfighter Information Network-Tactical - DEM/VAL			<b>Project (Number/Name)</b> 372 / WIN-T Increment 3 - Full Networking				
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>							<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>		
Technical Engineering Services and Research Studies											
<b>Title:</b> Test and Evaluation							9.697	-	-		
<b>Description:</b> Testing and Evaluation											
<b>FY 2014 Accomplishments:</b> Increment 3 continued planning for testing of NetOps and HNW. NetOps build 3.0 was demonstrated at NIE 14.2 with initial capabilities of CBM+.											
<b>Title:</b> Management Services							11.750	-	-		
<b>Description:</b> Provides System Engineering and Program Management Support.											
<b>FY 2014 Accomplishments:</b> Continued System Engineering and Program Management Support.											
<b>Accomplishments/Planned Programs Subtotals</b>							117.192	-	-		
<b>C. Other Program Funding Summary (\$ in Millions)</b>											
<b>Line Item</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
• INC 3: PE 655350/EE8	-	113.155	39.700	-	39.700	-	-	-	-	-	152.855
<b>Remarks</b>											
<b>D. Acquisition Strategy</b>											
<p>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.</p> <p>An evolutionary acquisition strategy is being utilized to provide for the timely insertion of new technologies into Army communication systems by adhering to the basic principles of the DoD Modular Open Systems Approach (MOSA). This allows the Army to keep pace with changing commercial technology and maintain required interoperability with other joint, strategic and commercial standards-based networks. Applying integrated Network Operations (NetOps) capability, WIN-T provides the capability to manage, prioritize, and protect information. It ensures NetOps commonality with Joint, Allied, Coalition, Current Force, and Commercial voice and data networks.</p>											

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2016 Army		<b>Date:</b> February 2015
<b>Appropriation/Budget Activity</b> 2040 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603782A / <i>Warfighter Information Network-Tactical - DEM/VAL</i>	<b>Project (Number/Name)</b> 372 / <i>WIN-T Increment 3 - Full Networking</i>
<p>The program is presently in its Engineering, Manufacturing, and Development (EMD) phase. WIN-T Inc 3 technology is being tested and released over time and will be inserted into WIN-T Inc 1 and Inc 2.</p> <p>The ADM dated 30 May 2014 directed the restructure of the Inc 3 program. Software development for NetOps Build 4/5 and NCW 10.x is to be completed in FY2015 and tested in FY2016. The ADM allowed for the development and demonstration of HNW 3.0. The program will also cease all efforts associated with development of Increment 3 unique hardware items.</p> <p>An updated Acquisition Program Baseline (APB) was approved by the AAE on 15 Sep 14 and shows no Nunn-McCurdy risk due to the program quantity being zero. Likewise, the Program Acquisition Unit Cost/Average Procurement Unit Cost (PAUC/APUC) are no longer applicable.</p> <p><b><u>E. Performance Metrics</u></b> N/A</p>		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Army												Date: February 2015			
Appropriation/Budget Activity 2040 / 4						R-1 Program Element (Number/Name) PE 0603782A / Warfighter Information Network-Tactical - DEM/VAL				Project (Number/Name) 372 / WIN-T Increment 3 - Full Networking					
Management Services (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	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	102.212	11.750		-		-		-		-	-	113.962	-
Subtotal			102.212	11.750		-		-		-		-	-	113.962	-
Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Inc 3 Engineering Manufacturing and Development	Various	General Dynamics C4 Systems Inc : Taunton, MA	898.087	89.867		-		-		-		-	-	987.954	-
Inc 3 Data Rights	Various	Harris GCSD : Melbourne, FL	4.417	-		-		-		-		-	-	4.417	-
Platform Integration	Various	Various : Various	45.114	-		-		-		-		-	-	45.114	-
Subtotal			947.618	89.867		-		-		-		-	-	1,037.485	-
Support (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	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	27.529	5.878		-		-		-		-	-	33.407	-
Subtotal			27.529	5.878		-		-		-		-	-	33.407	-
Test and Evaluation (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Testing	Various	Various : Various	8.480	9.697		-		-		-		-	-	18.177	-
Subtotal			8.480	9.697		-		-		-		-	-	18.177	-

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2016 Army										<b>Date:</b> February 2015		
<b>Appropriation/Budget Activity</b> 2040 / 4					<b>R-1 Program Element (Number/Name)</b> PE 0603782A / <i>Warfighter Information Network-Tactical - DEM/VAL</i>					<b>Project (Number/Name)</b> 372 / <i>WIN-T Increment 3 - Full Networking</i>		
	<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>		<b>FY 2016 Base</b>		<b>FY 2016 OCO</b>		<b>FY 2016 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>	1,085.839	117.192	-		-		-		-	-	1,203.031	-
<b>Remarks</b>												

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army																Date: February 2015												
Appropriation/Budget Activity 2040 / 4										R-1 Program Element (Number/Name) PE 0603782A / Warfighter Information Network-Tactical - DEM/VAL								Project (Number/Name) 372 / WIN-T Increment 3 - Full Networking										
Event Name	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	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
NCW 10.x CUT/SWIT	■																											
Build 3e (Patches)	■	■																										
HNW 3.0 CUT	■																											
NetOps Build 4/5	■	■	■	■	■	■	■	■	■	■	■	■																
(1) Follow-On Engineering Manufacturing Development Contract Award	▲	Follow-On EMD Contract Award & TO																										
(2) Critical Design Review	▲																											
HNW 3.0 SWIT	■	■	■	■	■	■	■	■																				
NCW 10.x Certification	■	■	■	■	■	■	■	■																				
CBM+			■	■																								
Build 4e (NCW NetOps)		■	■	■	■	■	■	■																				
CBM+ Demo at NIE 14.2			■																									
NCW DVT			■	■	■	■	■	■																				
(3) Revised APB				■				▲																				

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army																Date: February 2015																					
Appropriation/Budget Activity 2040 / 4										R-1 Program Element (Number/Name) PE 0603782A / Warfighter Information Network-Tactical - DEM/VAL										Project (Number/Name) 372 / WIN-T Increment 3 - Full Networking																	
Event Name										FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
										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
HNW Demo Prep										HNW Demo Prep																											
FQT 1										FQT 1																											
HNW FQT										HNW FQT																											
(1) Task Order 1										TO 1																											
NCW GDT										NCW GDT																											
(2) Task Order 2										TO 2																											
FQT 2										FQT 2																											
FQT 3														FQT 3																							
HNW Demo														HNW Demo																							
NIE 16.2 (NetOps/NCW)														NIE 16.2 (NetOps/NCW)																							

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2016 Army			<b>Date:</b> February 2015
<b>Appropriation/Budget Activity</b> 2040 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0603782A / <i>Warfighter Information Network-Tactical - DEM/VAL</i>	<b>Project (Number/Name)</b> 372 / <i>WIN-T Increment 3 - Full Networking</i>	

## Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
NCW 10.x CUT/SWIT	4	2012	1	2014
Build 3e (Patches)	1	2013	2	2014
HNW 3.0 CUT	1	2014	1	2014
NetOps Build 4/5	1	2014	3	2016
Follow-On Engineering Manufacturing Development Contract Award	1	2014	1	2014
Critical Design Review	1	2014	1	2014
HNW 3.0 SWIT	1	2014	1	2015
NCW 10.x Certification	1	2014	3	2015
CBM+	2	2014	3	2014
Build 4e (NCW NetOps)	2	2014	2	2015
CBM+ Demo at NIE 14.2	3	2014	3	2014
NCW DVT	3	2014	4	2014
Revised APB	4	2014	4	2014
HNW Demo Prep	1	2015	2	2016
FQT 1	1	2015	1	2015
HNW FQT	1	2015	1	2015
Task Order 1	1	2015	1	2015
NCW GDT	3	2015	3	2015
Task Order 2	3	2015	3	2015
FQT 2	3	2015	3	2015
FQT 3	1	2016	1	2016
HNW Demo	2	2016	3	2016



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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Army				Date: February 2015	
Appropriation/Budget Activity 2040 / 4		R-1 Program Element (Number/Name) PE 0603782A / Warfighter Information Network-Tactical - DEM/VAL		Project (Number/Name) 372 / WIN-T Increment 3 - Full Networking	
		Start		End	
Events		Quarter	Year	Quarter	Year
NIE 16.2 (NetOps/NCW)		3	2016	3	2016