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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Army	Date: February 2015
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Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)</i>					R-1 Program Element (Number/Name) PE 0604827A / <i>Soldier Systems - Warrior Dem/Val</i>							
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
Total Program Element	-	25.477	6.155	18.776	-	18.776	23.839	20.850	19.204	19.505	Continuing	Continuing
DX7: <i>TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM</i>	-	-	0.922	0.934	-	0.934	0.952	0.971	0.989	0.993	Continuing	Continuing
S65: <i>Soldier Power</i>	-	7.164	-	5.411	-	5.411	11.990	8.870	7.142	7.277	Continuing	Continuing
S75: <i>Ground Soldier Ensemble</i>	-	18.313	5.233	12.431	-	12.431	10.897	11.009	11.073	11.235	Continuing	Continuing

Note

Fiscal Year 2014: Program Decreases of \$5.718 million to Ground Soldier Ensemble and \$2.000 million to Soldier Power.

The FY 2016 funding request was reduced for \$4.692 million to account for the availability of prior year execution balances.

A. Mission Description and Budget Item Justification

This program element contains four projects: Project S56 for Mounted Soldier System (MSS), Project S65 for Soldier Power, Project S75 for Nett Warrior (NW), [named in honor of Medal of Honor recipient COL Robert Nett], previously known as Ground Soldier System (GSS), and Project DX7 Tactical Communications and Protective System (TCAPS). MSS provides an integrated suite of enhancements to the combat vehicle crew member and commander to address identifiable capability gaps in their ability to fight, communicate, and maneuver across the full spectrum of operations. MSS consists of lightweight, modular, and mission tailorable equipment and Command, Control, Communications and Computer (C4) devices worn, carried, or used by mounted crew members in performance of their missions. Congressionally added funding in FY10 for Soldier Power efforts has been applied to the Soldier Power project line. NW provides unparalleled situational awareness and understanding to the dismounted leader allowing for faster and more accurate decisions in the tactical fight. This translates into Soldiers being at the right place, at the right time, with the right equipment making them more effective, more lethal, and more survivable in the execution of their combat mission. TCAPS enables Soldiers to communicate over radios in combat environments while simultaneously providing hearing protection from both steady state and impulse noise.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Army				Date: February 2015	
Appropriation/Budget Activity 2040: Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)		R-1 Program Element (Number/Name) PE 0604827A / Soldier Systems - Warrior Dem/Val			
B. Program Change Summary (\$ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	18.467	6.157	11.976	-	11.976
Current President's Budget	25.477	6.155	18.776	-	18.776
Total Adjustments	7.010	-0.002	6.800	-	6.800
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments 1	7.010	-0.002	6.800	-	6.800

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Army										Date: February 2015		
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0604827A / Soldier Systems - Warrior Dem/Val				Project (Number/Name) DX7 / TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM			
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
DX7: TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM	-	-	0.922	0.934	-	0.934	0.952	0.971	0.989	0.993	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Tactical Communications and Protective System (TCAPS) provides Soldiers with advanced, active hearing protection that simultaneously protects Soldiers' hearing while enabling situational awareness and mission command. TCAPS protects Soldiers against harmful impulse and steady-state noises characteristic of combat environments while enabling Soldiers to communicate with each other using voice communications or over a tactical radio. TCAPS also enhances survivability and situational awareness by allowing Soldiers to selectively amplify faint sounds that would not be otherwise audible.

By reducing noise-induced hearing damage, TCAPS contributes to the reduction of post-service disability compensation and limits lost in-service time related to hearing injury. TCAPS will employ commercial-off-the-shelf (COTS) solution(s) that are evaluated annually. The best commercial solutions evaluated will be transitioned into production and fielding. TCAPS will also continually evaluate lower cost active hearing protection solutions for soldiers without radios.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2014	FY 2015	FY 2016
Title: Testing Tactical Communications and Protective System (TCAPS)	-	0.631	0.639
Description: TCAPS procurement of test articles and testing and evaluation.			
FY 2015 Plans: Conduct testing of commercial TCAPS solutions for soldiers without a radio to allow all combat soldiers Active Hearing Protection and transition to procurement.			
FY 2016 Plans: TCAPS will buy test articles and conduct an annual relook of commercial technology to seek improved capabilities, conduct testing and evaluation, and transition to procurement.			
Title: System Engineering and Program Management (SEPM)	-	0.291	0.295
Description: Conduct System Engineering and Program Management support to TCAPS.			
FY 2015 Plans:			

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Appropriation/Budget Activity 2040 / 5				R-1 Program Element (Number/Name) PE 0604827A / <i>Soldier Systems - Warrior Dem/Val</i>				Project (Number/Name) DX7 / <i>TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM</i>			
B. Accomplishments/Planned Programs (\$ in Millions)								FY 2014	FY 2015	FY 2016	
Conduct government systems engineering and program management for TCAPS such as: developing training materials for the TCAPS Non-Radio solution and to develop preplanned product improvement documentation.											
FY 2016 Plans: Will continue to conduct government systems engineering and program management for TCAPS such as; developing advance electronic training materials for improved leader training and ensuring integration and interoperability with other Soldier equipment.											
Accomplishments/Planned Programs Subtotals								-	0.922	0.934	
C. Other Program Funding Summary (\$ in Millions)											
Line Item	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
• B55510: <i>Tactical Communications and Protective System</i>	31.868	22.654	25.597	-	25.597	22.579	23.653	25.640	20.402	-	172.393
Remarks											
D. Acquisition Strategy TCAPS is an ACAT III program leveraging commercial-off-the-shelf (COTS) technology. TCAPS will conduct an annual relook of commercial technology to seek improved capabilities, reduce cost, conduct test and evaluation, and transition to procurement.											
E. Performance Metrics N/A											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Army												Date: February 2015			
Appropriation/Budget Activity 2040 / 5						R-1 Program Element (Number/Name) PE 0604827A / <i>Soldier Systems - Warrior Dem/Val</i>						Project (Number/Name) DX7 / <i>TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM</i>			
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
SEPM	MIPR	Fort Belvoir : Ft Belvoir, VA	0.018	-		0.291		0.295		-		0.295	-	0.604	-
Subtotal			0.018	-		0.291		0.295		-		0.295	-	0.604	-
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
Test Articles (Engineering Assessment)	MIPR	DLA DSCP : Philadelphia, PA	0.026	-		0.028		0.028		-		0.028	-	0.082	-
Test Articles (Development Test)	MIPR	DLA DSCP : Philadelphia, PA	0.020	-		0.019		0.019		-		0.019	-	0.058	-
Test Articles (OT)	MIPR	DLA DSCP : Philadelphia, PA	0.120	-		0.141		0.144		-		0.144	-	0.405	-
Subtotal			0.166	-		0.188		0.191		-		0.191	-	0.545	-
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
Annual Relook of Technology/Evaluation	MIPR	ATEC, AEC, OTC, ARL-SLAD : Various Locations	0.177	-		0.190		0.192		-		0.192	-	0.559	-
Developmental and Operational Test	Various	ATEC, AEC, OTC, ARL-SLAD : Various Locations	0.411	-		0.253		0.256		-		0.256	-	0.920	-
Customer Test	Various	Army Hearing Program Office : Various Locations	0.028	-		-		-		-		-	-	0.028	-
Subtotal			0.616	-		0.443		0.448		-		0.448	-	1.507	-

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		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		0.800	-		0.922		0.934		-		0.934	-	2.656	-

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army																Date: February 2015																					
Appropriation/Budget Activity 2040 / 5										R-1 Program Element (Number/Name) PE 0604827A / Soldier Systems - Warrior Dem/Val										Project (Number/Name) DX7 / TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM																	
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
Annual Relook of Technology for Evaluation/Integration Test for FY16 Fielding																		Annual Relook of Technology for Evaluation/Integration Test																			
Developmental and Operational Assessment for FY16 Fielding																		Developmental and Operational Assessment																			
Annual Relook of Technology for Evaluation/Integration Test for FY17 Fielding																		Annual Relook of Technology for Evaluation/Integration Test																			
Developmental and Operational Assessment for FY17 Fielding																		Developmental and Operational Assessment																			
Annual Relook of Technology for Evaluation/Integration for FY18 Fielding																		Annual Relook of Technology for Evaluation/Integration																			
Developmental and Operational Assessment for FY18																		Developmental and Operational Assessment																			
Annual Relook of Technology for Evaluation/Integration Test for FY19 Fielding																		Annual Relook of Technology for Evaluation/Integration Test																			
Developmental and Operational Assessment for FY19 Fielding																		Developmental and Operational Assessment																			
Annual Relook of Technology for Evaluation/Integration Test for FY20 Fielding																		Annual Relook of Technology for Evaluation/Integration Test																			
Developmental and Operational Assessment for FY20 Fielding																		Developmental and Operational Assessment																			

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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Army			Date: February 2015
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604827A / <i>Soldier Systems - Warrior Dem/Val</i>	Project (Number/Name) DX7 / <i>TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Annual Relook of Technology for Evaluation/Integration Test for FY16 Fielding	1	2015	3	2015
Developmental and Operational Assessment for FY16 Fielding	2	2015	4	2015
Annual Relook of Technology for Evaluation/Integration Test for FY17 Fielding	1	2016	3	2016
Developmental and Operational Assessment for FY17 Fielding	2	2016	4	2016
Annual Relook of Technology for Evaluation/Integration for FY18 Fielding	1	2017	3	2017
Developmental and Operational Assessment for FY18	2	2017	4	2017
Annual Relook of Technology for Evaluation/Integration Test for FY19 Fielding	1	2018	3	2018
Developmental and Operational Assessment for FY19 Fielding	2	2018	4	2018
Annual Relook of Technology for Evaluation/Integration Test for FY20 Fielding	1	2019	3	2019
Developmental and Operational Assessment for FY20 Fielding	2	2019	4	2019

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Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0604827A / Soldier Systems - Warrior Dem/Val				Project (Number/Name) S65 / Soldier Power			
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
S65: Soldier Power	-	7.164	-	5.411	-	5.411	11.990	8.870	7.142	7.277	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
Note Not applicable for this item.												
A. Mission Description and Budget Item Justification Soldier and Small Unit Power (SUP) Systems enable dismounted Soldiers and squads to execute their missions with significantly less battery weight and enable longer missions without a daily unit re-supply of batteries. These improved renewable systems enable the warfighter to sustain themselves for extended mission duration in the most austere operating environments. This effort began as a Congressional add for development and system improvement for early fuel cell and battery technology and now develops a line of power sources and solutions suited for the individual Soldier and the small unit. These power solutions include, but are not limited to, Soldier-worn power systems, integrated power vests, power management devices and small unit generators including the platoon power generator (PPG), chargers, scavengers or harvesters; all intended for use in the most austere operating environments. An advanced, Integrated Soldier Power/Data System (ISPDS) provides the Soldier with a body-worn power/data capability that is significantly more efficient and lighter than carrying separate batteries for each device. Soldier and Small Unit Power systems address the power and energy capability gap created by the increase in mission essential, Soldier-portable power consumers, such as Situational Awareness (SA) displays, Global Positioning System (GPS) navigation, weapon sensors, precision targeting systems and portable Soldier radios. Soldier-portable power systems reduce the weight and logistical burden associated with moving fuel and primary (disposable) batteries across the conventional battlefield. By using renewable energy and power scavenging technology, Soldiers and small units are able to operate independently for longer durations without being tethered to a large generator, vehicle, or supply train. This effort supports the following requirements: August 2013 Small Unit Power MDD, September 2013 Small Unit Power Capability Development Document (CDD), March 2011 Soldier Protection CDD, the December 2011 Operational Energy Initial Capabilities Document (ICD), the Army Chief of Staff's Squad: Foundation of the Decisive Force initiative, and the December 2011 Operation Enduring Freedom (OEF) Operational Energy directives. Platoon Power Generator: This project supports the demonstration and development of a Platoon Power Generator (PPG). The SUP PPG (1kW Generator) will provide small units with sufficient portable power to sustain Modified Table of Organizational Equipment (MTOE) unit power demand in support of 48 to 72 hour missions using a common logistical fuel (JP-8). It will be used for charging batteries and powering various types of Army communications and electronics devices. It will provide sufficient power to recharge and power all Platoon equipment and fulfill residual power gaps at the Squad and Soldier level. The generator will provide Platoon power for charging batteries when away from vehicles in Stryker Brigade Combat Teams (SBCT), Armor Brigade Combat Team (ABCT) and as a power source for Infantry Brigade Combat Teams (IBCT) in austere environments. FY16 funds allow for the award and management of R&D contracts to two manufacturers to develop and demonstrate a 1kW PPG. In the following year, these two manufacturers will be down-selected to one for further refinement and test and evaluation.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2014	FY 2015	FY 2016	
Title: Individual Soldier Power									1.940	-	-	

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Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604827A / Soldier Systems - Warrior Dem/Val	Project (Number/Name) S65 / Soldier Power		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2014	FY 2015	FY 2016
Description: Integrated Soldier Power/Data System (ISPDS) and individual power/Conformal Wearable Battery (CWB) FY 2014 Accomplishments: Matured an integrated Soldier system capable of managing power to a system that transfers C4I data between Soldier worn/ carried peripherals. This system comprises of a safe rechargeable, high energy, lightweight, Soldier-wearable battery that conforms to the Soldier's body armor and improved outer tactical vest. This improved conformal battery is the central source of power for all Soldier worn devices on the body and serves as the central power storage point for the Soldier. This integrated Soldier system passes its power and peripheral C4I data through a wiring system that integrates into the fabric of the improved outer tactical vest and/or its soft armor. Partially matured Soldier carried power/data management devices that are capable of harvesting energy from a variety of available power sources and developed a highly efficient solar and kinetic technology conducive to a variety of operating environments and capable of providing over twice the current level of power in an equal or smaller form factor. FY2015 efforts not funded with FY 2015 program funding will expend FY 2014 funding in support of FY 2015 efforts for engineering and manufacturing development (EMD) activities leading to Milestone C/Full Rate Production in 4QFY15 for ISPDS and CWB.				
Title: Squad Power Generation and Squad Power Manager (SPM) Description: Soldier portable, renewable energy solutions and charging capability for Squad formations. FY 2014 Accomplishments: Developed Soldier-portable, renewable energy solutions that have the power capacity to sustain squads in expeditionary austere operations for 72 hours, while decreasing dependence on combat logistics through the use of Solar technology. Developed and optimized lightweight universal, Soldier-portable chargers and energy harvesters capable of supporting the variety of batteries and electronic devices used in the conventional BCT formations. FY2015 Efforts not funded with FY 2015 program funding will expend FY 2014 funding in FY 2015 to support EMD activities leading to Milestone C/Full Rate Production in 4QFY15 for Squad Power Generation and SPM.		4.338	-	-
Title: Soldier Power Test and Evaluation Description: Integration testing and annual testing and evaluation events FY 2014 Accomplishments: Conducted annual developmental test and evaluation on Soldier Power components at Electronic Proving Ground, Arizona and Aberdeen Proving Ground, Maryland with focus on environmental testing, reliability, electro-magnetic interference and electro-magnetic compatibility. Conducted operational test and evaluation on Soldier Power components at Fort Bliss, Texas and Transformative Reductions in Operational Energy Consumption (TROPEC) Evaluation at the Jungle Warfare Training Center		0.886	-	0.609

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Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604827A / <i>Soldier Systems - Warrior Dem/Val</i>	Project (Number/Name) S65 / <i>Soldier Power</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2014	FY 2015
(JWTC); Okinawa, Japan. Partially completed test and evaluation of Soldier Power equipment informing the operational reliability and performance at the Soldier and Squad levels. FY 2015 efforts not funded with FY 2015 program funding will expend FY2014 funding in support of a limited user test leading to the Milestone C/Full Rate Production in 4QFY15. FY 2016 Plans: Will conduct developmental test (DT) and evaluation on Soldier Power generation and Soldier borne portable chargers and harvesters which include Small Unit Power generation devices at the Individual, Squad and Platoon power levels at Electronic Proving Ground, Arizona and Aberdeen Proving Ground, Maryland with focus on environmental testing, reliability, electro-magnetic interference and electro-magnetic compatibility. Conduct user assessment, verification and operational test (OT) events and evaluation on Soldier Power components at Fort Devens, Massachusetts; Fort Bliss, Texas; Fort Benning, Georgia; Fort Bragg, North Carolina; and a Joint operational test in the tropical environment. Support Soldier Power equipment as a NIE system including: Brigade level support, equipping, training, test costs, and spares for yearly Army Interoperability Certification (as required); environmental testing, and electronic warfare testing.			
Title: Soldier Power Generation (SPG) Description: Soldier portable, renewable energy solutions for Soldier Power Generation. FY 2016 Plans: Will mature Soldier-Worn technologies such as highly efficient solar, thermal and chemical energy conducive to a variety of operating environments and capable of providing twice the current level of power to achieve energy independence. Will develop Soldier power solutions that have the capacity to sustain expeditionary austere operations for 72 hours, while achieving energy independence of combat logistics through the use of other alternative renewable sources of power. Will continue development and optimization of lightweight, Soldier-portable chargers/harvesters and generators capable of supporting the variety of power devices used in tactical formations. The program funding will support EMD activities leading to Milestone C/Full Rate Production in 4QFY16 for SPG.		-	-
Title: Platoon Power Generator (PPG) Description: Prepare for award and manage an EMD phase R&D contract for the PPG. FY 2016 Plans: Award EMD contract and fund applicable functional support agreements.		-	-
Accomplishments/Planned Programs Subtotals		7.164	-

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C. Other Program Funding Summary (\$ in Millions)											
			<u>FY 2016</u>	<u>FY 2016</u>	<u>FY 2016</u>					<u>Cost To</u>	
<u>Line Item</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>Base</u>	<u>OCO</u>	<u>Total</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Complete</u>	<u>Total Cost</u>
• R80010000: Small Unit Power Increment	-	-	43.639	-	43.639	30.502	37.660	43.451	47.730	Continuing	Continuing
Remarks											
D. Acquisition Strategy											
Pursue a variety of Soldier power initiatives under full and open competition. These initiatives range from Commercial-Off-The-Shelf (COTS) solutions to developmental efforts. The type of solicitation depends on the maturity of the technology. The power initiatives will be evaluated through scheduled test and evaluation events, and if successful, selected for procurement and subsequent fielding and sustainment. The acquisition strategy varies by product. For example, the SPM acquisition strategy will consist of two phases. Phase one includes the purchase of test articles using the Defense Logistics Agency (DLA) Special Operational (Spec Ops) Equipment Tailored Logistic Support Program (TLSP) Phase two includes the procurement of additional test articles through Indefinite Delivery Indefinite Quantity (IDIQ) contracts established through the Army Contracting Command (ACC). The project manager office will establish IDIQ contracts to support the SUP requirements over time. Each SUP system will be procured under purchase orders for production quantities that will be on a Firm Fixed Price (FFP) basis. PEO CS/CSS Effort on the Platoon Power Generation: Full and open competitive acquisition will be conducted culminating in an award of up to two (2) Cost Plus Incentive Fee (CPIF) contracts supporting a 24 month Engineering and Manufacturing Development (EMD) phase. Two selected contractors will be awarded EMD contracts and will separately perform a 15 month effort (Phase I) to fabricate and produce the minimum order of 10 SUP PPG (1kW Generator) systems (5 per vendor). Phase I will be followed by a down-select evaluation to choose the manufacturer that could produce the best value system. During Phase II, selected vendor will produce 5 additional systems to undergo developmental test (DT), a logistics demonstration (LD), pre-production qualification test, and limited user / operational test (LUT/OT). Upon successful completion of these tests and completion of logistics supportability, the performance data and Soldier's feedback will be utilized in preparation for Milestone C (MS C).											
E. Performance Metrics											
N/A											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Army												Date: February 2015			
Appropriation/Budget Activity 2040 / 5						R-1 Program Element (Number/Name) PE 0604827A / Soldier Systems - Warrior Dem/Val				Project (Number/Name) S65 / Soldier Power					
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
PM integration and oversight	MIPR	Various : Various	1.263	1.842		-		0.237		-		0.237	Continuing	Continuing	Continuing
Subtotal			1.263	1.842		-		0.237		-		0.237	-	-	-
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
Soldier Power Development and Integration	TBD	TBD : TBD	8.104	3.774		-		1.002		-		1.002	Continuing	Continuing	Continuing
Platoon Power Generation	C/CPIF	TBD : TBD	0.000	-		-		2.500		-		2.500	1.500	4.000	-
Subtotal			8.104	3.774		-		3.502		-		3.502	-	-	-
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
Martix Support	MIPR	ARL, CERDEC, Various : Various	1.512	0.828		-		0.243		-		0.243	Continuing	Continuing	Continuing
Platoon Power Generation	IA	TBD : TBD	0.000	-		-		0.820		-		0.820	0.600	1.420	-
Subtotal			1.512	0.828		-		1.063		-		1.063	-	-	-
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
Various Testing Organizations	MIPR	Various : Various	0.000	0.720		-		0.609		-		0.609	Continuing	Continuing	Continuing
Platoon Power Generation	MIPR	TBD : TBD	0.000	-		-		-		-		-	0.220	0.220	-

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Appropriation/Budget Activity 2040 / 5						R-1 Program Element (Number/Name) PE 0604827A / <i>Soldier Systems - Warrior Dem/Val</i>				Project (Number/Name) S65 / <i>Soldier Power</i>				

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
Subtotal			0.000	0.720		-		0.609		-		0.609	-	-	-

	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	10.879	7.164	-	5.411	-	5.411	-	-	-

Remarks

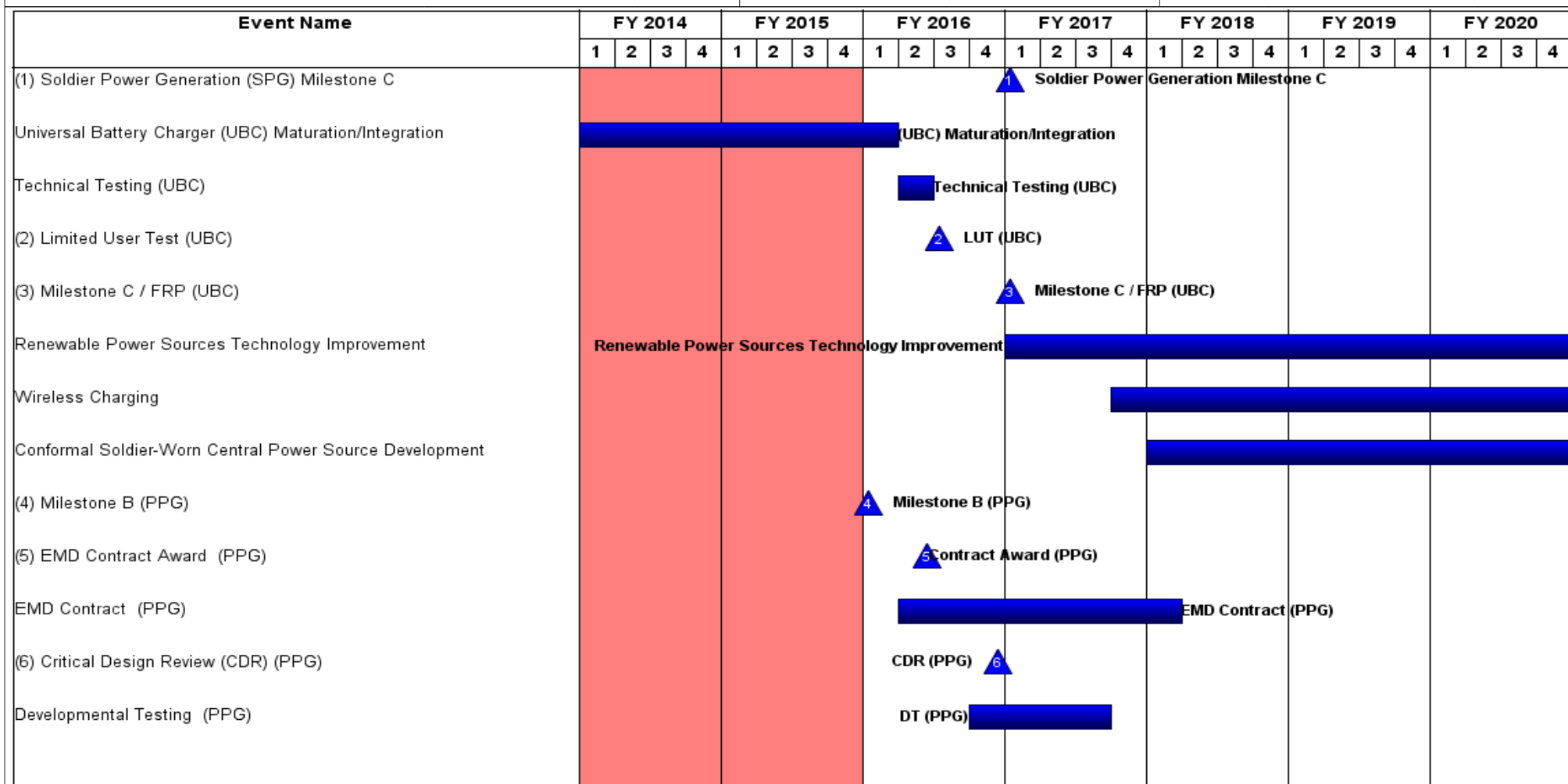
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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army																Date: February 2015												
Appropriation/Budget Activity					R-1 Program Element (Number/Name)										Project (Number/Name)													
2040 / 5					PE 0604827A / Soldier Systems - Warrior Dem/Val										S65 / Soldier Power													
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
Individual Soldier Power Maturation/Integration																												
Squad Soldier Power Maturation/Integration																												
(1) Small Unit Power Milestone B																												
Production Qualification Testing (CWB, SPM)																												
Developmental Testing (CWB and SPM)																												
(2) Limited User Test (LUT) (CWB, SPM)																												
Developmental Testing (ISPDS-C)																												
(3) Limited User Test (ISPDS-C)																												
(4) Milestone C / FRP (ISPDS-C, CWB, and SPM)																												
Soldier Power Generation (SPG) Maturation/Integration																												
Prototype Testing (SPG)																												
Developmental Testing (SPG)																												
(5) Limited User Test (SPG)																												

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army **Date:** February 2015

Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604827A / <i>Soldier Systems - Warrior Dem/Val</i>	Project (Number/Name) S65 / <i>Soldier Power</i>
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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army																Date: February 2015																					
Appropriation/Budget Activity 2040 / 5										R-1 Program Element (Number/Name) PE 0604827A / Soldier Systems - Warrior Dem/Val								Project (Number/Name) S65 / Soldier Power																			
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
Pre Production Qualification Testing (PPQT) (PPG)																		PPQT (PPG)																			
(1) Limited User Test (LUT) (PPG)																						1 LUT (PPG)															
(2) Milestone C (PPG)																						2 Milestone C (PPG)															

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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Army			Date: February 2015
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604827A / <i>Soldier Systems - Warrior Dem/Val</i>	Project (Number/Name) S65 / <i>Soldier Power</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Individual Soldier Power Maturation/Integration	1	2013	4	2014
Squad Soldier Power Maturation/Integration	1	2013	4	2014
Small Unit Power Milestone B	1	2014	1	2014
Production Qualification Testing (CWB, SPM)	3	2014	3	2014
Developmental Testing (CWB and SPM)	2	2014	3	2014
Limited User Test (LUT) (CWB, SPM)	1	2015	1	2015
Developmental Testing (ISPDS-C)	2	2015	3	2015
Limited User Test (ISPDS-C)	3	2015	3	2015
Milestone C / FRP (ISPDS-C, CWB, and SPM)	1	2016	1	2016
Soldier Power Generation (SPG) Maturation/Integration	1	2014	1	2015
Prototype Testing (SPG)	1	2015	1	2015
Developmental Testing (SPG)	2	2016	2	2016
Limited User Test (SPG)	3	2016	3	2016
Soldier Power Generation (SPG) Milestone C	1	2017	1	2017
Universal Battery Charger (UBC) Maturation/Integration	1	2014	1	2016
Technical Testing (UBC)	2	2016	2	2016
Limited User Test (UBC)	3	2016	3	2016
Milestone C / FRP (UBC)	1	2017	4	2020
Renewable Power Sources Technology Improvement	1	2017	4	2020
Wireless Charging	4	2017	1	2021
Conformal Soldier-Worn Central Power Source Development	1	2018	1	2021
Milestone B (PPG)	1	2016	1	2016

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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Army			Date: February 2015		
Appropriation/Budget Activity 2040 / 5		R-1 Program Element (Number/Name) PE 0604827A / Soldier Systems - Warrior Dem/Val		Project (Number/Name) S65 / Soldier Power	
		Start		End	
Events		Quarter	Year	Quarter	Year
EMD Contract Award (PPG)		2	2016	2	2016
EMD Contract (PPG)		2	2016	1	2018
Critical Design Review (CDR) (PPG)		4	2016	4	2016
Developmental Testing (PPG)		4	2016	3	2017
Pre Production Qualification Testing (PPQT) (PPG)		3	2017	1	2018
Limited User Test (LUT) (PPG)		1	2018	1	2018
Milestone C (PPG)		2	2018	2	2018

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Army										Date: February 2015		
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0604827A / Soldier Systems - Warrior Dem/Val				Project (Number/Name) S75 / Ground Soldier Ensemble			
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
S75: Ground Soldier Ensemble	-	18.313	5.233	12.431	-	12.431	10.897	11.009	11.073	11.235	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification												
The Nett Warrior (NW) Program (named in honor of Medal of Honor recipient Colonel Robert C. Nett), also known as the Ground Soldier System (GSS) Program, leverages commercial smart devices and secure Army tactical radios to provide the dismounted leader an integrated mission command and situational awareness system for use during combat operations. The NW system provides leaders electronic real-time information on friendly positions; information about enemy activity and movement; navigational data and map imagery; a collaborative planning tool; and other mission related graphics which effectively puts the power of the entire Army tactical network in the hands of the dismounted leader. The NW system also provides the same integrated mission command capability to the tactical vehicle-mounted leaders so that when dismounted, the leader still maintains the common operating picture (COP) and has continuous situational awareness. This capability provides unparalleled situational awareness and enhanced communications to the dismounted leader allowing for faster, more accurate decisions and reduced fratricide in the tactical fight.												
The continued development and integration of the NW program also integrates applications from other programs aimed at considerably reducing the weight and bulk of the dismounted soldier's load by using a single End User Device. The NW program harnesses soldiers' experience in combat operations and employs combat veterans for Soldier feedback enhancing human factors design and fightability of the system. This project funds the following: 1) Incorporation of additional new hardware applications and capabilities into Nett Warrior, 2) Yearly developmental and operational tests of the NW with continually advancing commercial smart device technology inserted, 3) Software development for planned updates, 4) Integration of new End User Devices with the existing and re-competed Army Tactical Radios, including vehicle power integration, 5) Government led integration and system engineering and program management, and 6) Conduct NW Operational Test and Evaluation with Mechanized and Infantry units in FY16/17.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2014	FY 2015	FY 2016	
Title: Test and Evaluation including twice a year Network Integration Evaluation (NIE) to gain Soldier feedback									6.007	1.292	2.596	
Description: Funding is provided for the following efforts.												
FY 2014 Accomplishments:												
Conducted NW test and evaluation for technical verification at developmental test events and user verification through IOT&E operational assessment at Network Integration Evaluation (NIE) 14.2 to support FY15 Low Rate Initial Production (LRIP) decision. Supported NW as a baseline NIE system including: Brigade level support, equipping, training, and spares for NW; conducted yearly Army Interoperability Certification; environmental testing; electronic warfare testing; and Information Assurance penetration prevention testing for new commercial smart devices.												
FY 2015 Plans:												

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Army		Date: February 2015		
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604827A / Soldier Systems - Warrior Dem/Val	Project (Number/Name) S75 / Ground Soldier Ensemble		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2014	FY 2015	FY 2016
Continue NW test and evaluation for technical verification at developmental events and user verification through operational testing including Initial Operational Test & Evaluation (IOT&E) for a LRIP decision. Will continue support for NW as a baseline NIE system including: Brigade level support, equipping, training, test costs, and spares for NW; yearly Army Interoperability Certification; environmental testing; and Information Assurance penetration prevention testing for new commercial smart devices. FY 2016 Plans: Will conduct NW test and evaluation for technical verification at developmental events and user verification through planned Operational Test and Evaluation to include new hardware and new Rifleman Radios from PEO C3T. Support NW as a baseline NIE system including: Brigade level support, equipping, training, test costs, and spares for NW; yearly Army Interoperability Certification; environmental testing; electronic warfare testing; and Information Assurance penetration prevention testing for new commercial smart devices. Will test emerging secure 4G/LTE Army Networks.				
Title: Hardware and Software Integration and Evaluation for Capability Improvements Description: Funding is provided for the following efforts. FY 2014 Accomplishments: Continued software integration of the Army's Joint Battle Command Platform software development kit for commercial smart device hardware to support Governmental T&E activities. Conducted Developmental Tests (DT), and Operational Testing (OT) preparing for Full Rate Production Decision in FY15. Integrated applications to expand Nett Warrior capabilities to meet other requirements with a common smart device. Provided Software updates to support Army Interoperability Certification testing and other testing supporting DT and OT. FY 2015 Plans: Acquire, integrate and evaluate low cost, advanced commercial smart devices, cables, and other hardware for potential integration into the NW system of proven and mature capabilities. Integrate 3rd party software combat applications and keep pace with emerging technology and inform the acquisition decision process as to yearly Army Capability Set insertion. Integrate new PEO C3T radios from competitive Rifleman Radio procurement. FY 2016 Plans: Integrate and evaluate emerging advanced commercial smart devices, cables, and other hardware including unmanned sensor systems for potential adoption into the NW system. Will continue to integrate 3rd party software combat applications for increased functionality. This will continually allow NW to keep pace with emerging technology, lower cost and weight, and inform the future acquisition decision process as to yearly Army Capability Set insertion.		5.138	1.244	5.004
Title: Software Development and Integration Description: Funding is provided for the following efforts.		4.722	2.082	2.491

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Army		Date: February 2015		
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604827A / Soldier Systems - Warrior Dem/Val	Project (Number/Name) S75 / Ground Soldier Ensemble		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2014	FY 2015	FY 2016
FY 2014 Accomplishments: Completed software integration of the Army's Joint Battle Command Platform software development kit into Nett Warrior commercial smart device hardware to support Governmental T&E activities. Conducted Developmental Tests (DT), and Operational Testing (OT) that led to production decisions and fielding for FY14 and prepared for LRIP decision in FY15. Integrated other Army applications that expanded Nett Warrior capabilities to meet other requirements utilizing a common smart device in mobile hand-held computing environment. Provided Software updates that supported Army Interoperability Certification testing and other required testing supporting DT and OT. FY 2015 Plans: Develop and integrate Nett Warrior software development kit products for commercial smart device hardware for integration into the NW system to provide the most current capability into production on a semi-annual basis. Integrate applications to expand Nett Warrior capabilities to meet other Army requirements with a common smart device. Maintain software updates and changes for NW program to keep pace with Army software capability updates, maintain information assurance accreditation, and retain interoperability certification for Army Capability Sets. FY 2016 Plans: Will continue to integrate other Army required applications via the Nett Warrior software development kit that expands capabilities to meet other requirements utilizing a common smart device in a common mobile hand held computing environment. Will maintain software that allows the NW program to keep pace with Army software blocking updates, retain interoperability certification for Army Capability Sets and information assurance accreditation.				
Title: Integration with AN/PRC-154A and Vehicle Platforms Description: Funding is provided for the following efforts. FY 2014 Accomplishments: Completed integration and verification of the AN/PRC-154A radio into NW system and vehicle integration kits for DT and IOT&E. Integrated GPS relay and power recharging systems for Stryker Brigade Combat Team vehicles with development, testing and verification of multiple vehicle integration kits to support NW and the radio batteries. FY 2016 Plans: Integrate new commercial smart devices with competitively procured Rifleman Radio from PEO C3T in preparation for planned Operational Testing in FY16/17. Will conduct integration of Army secure 4G/LTE, and unmanned sensor networks.		0.179	-	1.412
Title: Conduct Systems Engineering and Program Management Support to Nett Warrior Description: Funding is provided for the following efforts.		2.267	0.615	0.928

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Army								Date: February 2015			
Appropriation/Budget Activity 2040 / 5				R-1 Program Element (Number/Name) PE 0604827A / <i>Soldier Systems - Warrior Dem/Val</i>				Project (Number/Name) S75 / <i>Ground Soldier Ensemble</i>			
B. Accomplishments/Planned Programs (\$ in Millions)								FY 2014	FY 2015	FY 2016	
<i>FY 2014 Accomplishments:</i> Conducted government systems engineering and program management support for NW program including documentation preparation for upcoming acquisition lifecycle decision. Integrated the latest commercial smart devices, software applications and technology for test and evaluation. Collected input from Soldiers at semi-annual NIE events that improved NW size, weight, power, fightability, safety and effectiveness via surveys and electronic data monitoring from Developmental and Operational Testing (DT/OT) events. <i>FY 2015 Plans:</i> Continue to conduct government systems engineering and program management support for NW program including documentation preparation for Full Rate Production decision. Collect input from Soldiers at semi-annual NIE events to improve NW size, weight, power, fightability, safety and effectiveness via surveys and electronic data monitoring from Developmental and Operational Testing (DT/OT) events. <i>FY 2016 Plans:</i> Will continue to conduct government systems engineering and program management support for NW program as there is not a prime contractor. Will collect input from Soldiers to improve NW size, weight, power, fightability, safety and effectiveness via surveys. Will manage system configuration, and execute test, development and integration planning including investigation and analysis of emerging innovative commercial technologies to lower the size, weight, power and cost of Nett Warrior.											
Accomplishments/Planned Programs Subtotals								18.313	5.233	12.431	
C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u> <u>Base</u>	<u>FY 2016</u> <u>OCO</u>	<u>FY 2016</u> <u>Total</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• OPA 3, R80501: OPA 3, R80501, Ground Soldier System	61.859	-	43.639	-	43.639	30.502	37.660	43.451	47.730	Continuing	Continuing
• RDT&E, PE 0603827A S49: RDT&E, PE 0603827A S49 - Ground Soldier System (GSS)	-	-	-	-	-	-	-	-	-		
Remarks											
D. Acquisition Strategy											
The Nett Warrior (NW) program provides unparalleled situational awareness and mission command to dismounted combat leaders through an integrated End User Device, power source and radio. The NW program executed a MS A in FY09 and began three competing TD phase contracts leading to developmental and operational testing FY10-11. A Configuration Steering Board (CSB) was held August 2011 which restructured the program to implement COTS-based technology. NW was											

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Army		Date: February 2015
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604827A / <i>Soldier Systems - Warrior Dem/Val</i>	Project (Number/Name) S75 / <i>Ground Soldier Ensemble</i>
restructured to use commercial End User Devices and the government as the prime integrator. Twice a year technology maturation and integration is assessed at NIE events. The NW MS C was approved 3 April 2012 followed by a low rate Capability Set (CS) 14 production award. Conducted Developmental Test and Evaluation during 4QFY12-1QFY13, followed by 1QFY13 Operational Test (OT) as well as hardware, software, integration and program management. The Developmental and Operational tests validated the system utility, supportability, and austere-environment power production and regeneration strategy that resulted in a production decision in 2QFY13 to procure the CS14 quantity of NW systems and support equipment. Conducted 1QFY14 Operational Test, and additional Developmental and Operational Tests during 2QFY14-3QFY14, as well as hardware, software, integration and program management. The Developmental and Operational tests will continue to validate the system utility, supportability, and austere-environment power production and regeneration strategy. Initial Operational Tests under OSD oversight are being conducted in 3QFY14 and 1QFY15 leading to a LRIP decision in 3QFY15 to procure the CS16/17 quantity of NW systems and support equipment. While in LRIP production NW also continues to reduce size, weight and power through a semi-annual integration and evaluation and test of the latest commercial smart device technologies which evolve continuously. <u>E. Performance Metrics</u> N/A		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Army												Date: February 2015			
Appropriation/Budget Activity 2040 / 5						R-1 Program Element (Number/Name) PE 0604827A / Soldier Systems - Warrior Dem/Val				Project (Number/Name) S75 / Ground Soldier Ensemble					
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
Hardware and software integration and evaluation	Various	Various : Various	16.663	5.138		1.244		5.004		-		5.004	Continuing	Continuing	Continuing
Systems Engineering and program management support	Various	Various : Various	20.843	2.267		0.615		0.928		-		0.928	Continuing	Continuing	Continuing
Subtotal			37.506	7.405		1.859		5.932		-		5.932	-	-	-
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
Integration with Project Manager Tactical Radios and Vehicle Platforms	Various	Various : Various	1.882	0.179		-		1.412		-		1.412	Continuing	Continuing	Continuing
Subtotal			1.882	0.179		-		1.412		-		1.412	-	-	-
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
Software Development and Integration	Various	Various : Various	5.795	4.722		2.082		2.491		-		2.491	Continuing	Continuing	Continuing
Subtotal			5.795	4.722		2.082		2.491		-		2.491	-	-	-
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
Various Testing Organizations	Various	Various : Various	16.022	6.007		1.292		2.596		-		2.596	Continuing	Continuing	Continuing
Subtotal			16.022	6.007		1.292		2.596		-		2.596	-	-	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Army										Date: February 2015			
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0604827A / <i>Soldier Systems - Warrior Dem/Val</i>					Project (Number/Name) S75 / <i>Ground Soldier Ensemble</i>			
	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	61.205	18.313		5.233		12.431		-		12.431	-	-	-
Remarks													

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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army

Date: February 2015

Appropriation/Budget Activity

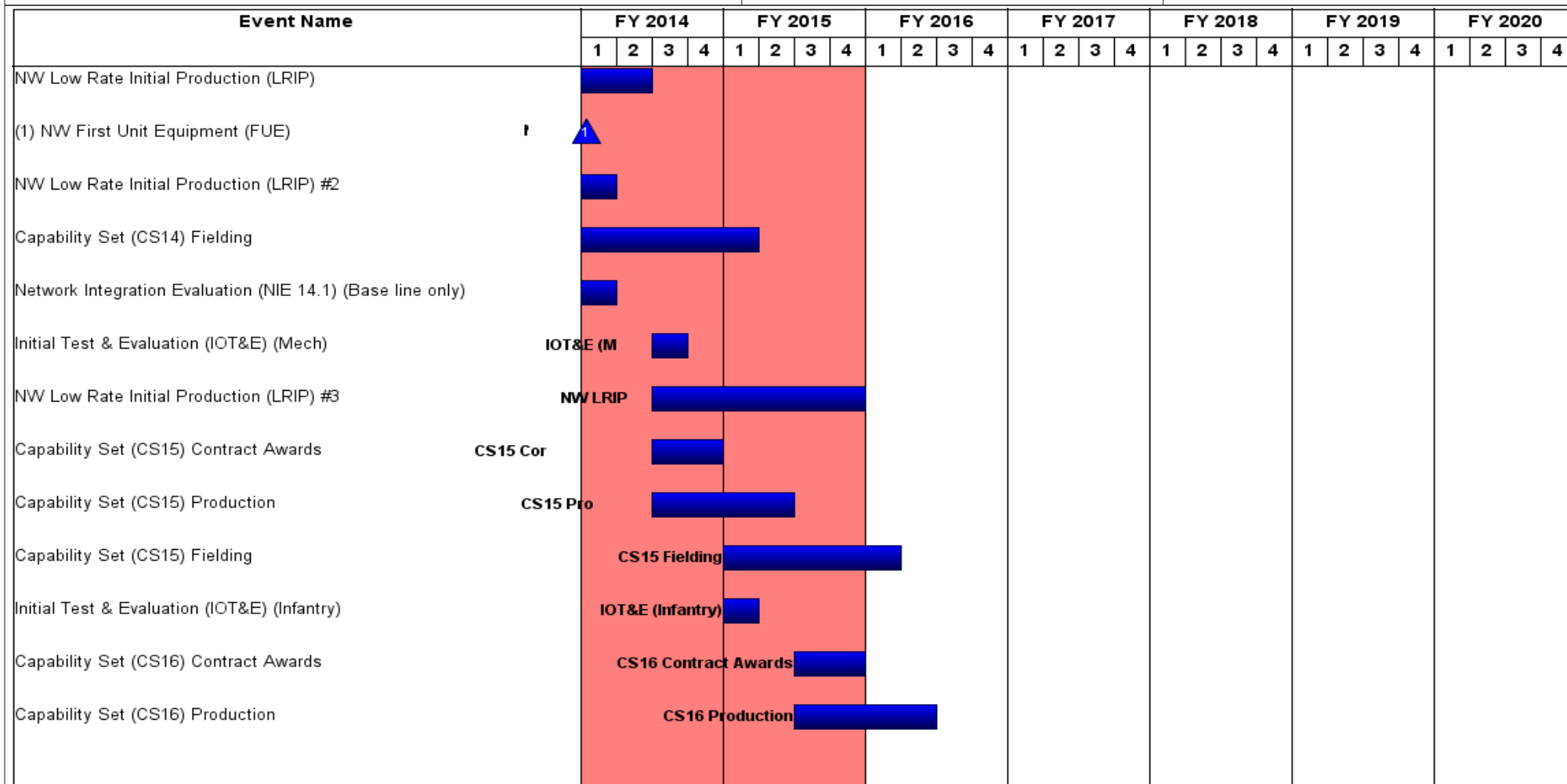
2040 / 5

R-1 Program Element (Number/Name)

PE 0604827A / Soldier Systems - Warrior
Dem/Val

Project (Number/Name)

S75 / Ground Soldier Ensemble



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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army																Date: February 2015																					
Appropriation/Budget Activity 2040 / 5										R-1 Program Element (Number/Name) PE 0604827A / Soldier Systems - Warrior Dem/Val										Project (Number/Name) S75 / Ground Soldier Ensemble																	
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
Capability Set (CS16) Fielding														CS16 Fielding																							
Operational Test & Evaluation (OT&E)														OT&E																							
Army Tactical Radio Integration														Army Tactical Radio Integration																							
Capability Set (CS17) Contract Awards														CS17 Contract Awards																							
Capability Set (CS17) Production														CS17 Production																							
Capability Set (CS17) Fielding														CS17 Fielding																							

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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Army			Date: February 2015
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604827A / <i>Soldier Systems - Warrior Dem/Val</i>	Project (Number/Name) S75 / <i>Ground Soldier Ensemble</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
NW Low Rate Initial Production (LRIP)	3	2012	2	2014
NW First Unit Equipment (FUE)	1	2014	1	2014
NW Low Rate Initial Production (LRIP) #2	3	2013	1	2014
Capability Set (CS14) Fielding	1	2014	1	2015
Network Integration Evaluation (NIE 14.1) (Base line only)	1	2014	1	2014
Initial Test & Evaluation (IOT&E) (Mech)	3	2014	3	2014
NW Low Rate Initial Production (LRIP) #3	3	2014	4	2015
Capability Set (CS15) Contract Awards	3	2014	4	2014
Capability Set (CS15) Production	3	2014	2	2015
Capability Set (CS15) Fielding	1	2015	1	2016
Initial Test & Evaluation (IOT&E) (Infantry)	1	2015	1	2015
Capability Set (CS16) Contract Awards	3	2015	4	2015
Capability Set (CS16) Production	3	2015	2	2016
Capability Set (CS16) Fielding	1	2016	4	2016
Operational Test & Evaluation (OT&E)	4	2016	1	2017
Army Tactical Radio Integration	3	2016	4	2016
Capability Set (CS17) Contract Awards	3	2016	4	2016
Capability Set (CS17) Production	3	2016	2	2017
Capability Set (CS17) Fielding	4	2016	4	2017