

DEPARTMENT OF THE ARMY

Procurement Programs



Fiscal Year (FY) 2008 Grow the Army Detail

OTHER PROCUREMENT, ARMY Communications and Electronics

Budget Activity 2

APPROPRIATION

February 2007

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Exhibit P-40, Budget Item Justification Sheet									Date: February 2007		
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS (SPACE) (BB8500)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	2387.8	62.3	53.4	125.4	96.5	166.2	131.2	128.2	130.7	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	2387.8	62.3	53.4	125.4	96.5	166.2	131.2	128.2	130.7	Continuing	Continuing
Initial Spares											
Total Proc Cost	2387.8	62.3	53.4	125.4	96.5	166.2	131.2	128.2	130.7	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: The Defense Satellite Communications System (DSCS) provides super high frequency (SHF) wideband and anti-jam (AJ) satellite communications supporting critical national strategic and tactical command, control, communications and intelligence (C3I) requirements. It must be survivable during trans- and post- nuclear attack to support communications essential to national survival. The DSCS and the future Wideband Gapfiller Satellite (WGS) supports the Army warfighter as well as the unique and vital Department of Defense (DOD) and non-DOD users, as approved by the Joint Staff and/or Secretary of Defense (SECDEF). The DSCS/WGS will be used in conjunction with the Terrestrial Transmissions of the Defense Information System Network (DISN) and other communications systems to provide end-to-end communications and the long-haul connectivity the Warfighter needs for both tactical reachback and strategic communications. These programs provide the critical bandwidth required for the Global Information Grid (GIG) by developing and fielding communications systems capable of overcoming existing and projected bandwidth constraints. DSCS/WGS will provide long-haul service between the Continental United States (CONUS) and overseas locations. This program is designated as a DoD Space program.</p>											
<p>Justification: FY08/09 KaSTARS procures two terminals in support of the Wideband Gapfiller Satellite (WGS) program. Enterprise Wideband Satellite Payload Control System procures the start of the Replacement Radio Frequency Interconnecting (RRFIS), continues the Joint Management Operations System (JMOS) and completes the Integrated Monitoring and Power Control Subsystem (IMPCS) Phase I program. The MET program procures two First Article (FAT) terminal kits. Also procures software, engineering changes, system integration and security accreditation of current and prior year procurements. Enterprise Wideband Satellite Terminal Digital Equipment procures the minimum sustainment of racks, components and their integration into DSCS. Also procures the multiplexor Integration and DCSS Automation System (MIDAS) and the Enhanced Bandwidth Efficient Modem (EBEM). Enterprise Wideband interconnect Facility (ICF) will continue to accomplish Defense Information Systems Agency (DISA) and Joint Chief of Staff (JCS) directed satellite ground terminal relocations supporting alignment of US forces worldwide. Special Communications Links procures the upgrade of Direct Communications Link (DCL) between the President of the United States and leaders from Russia /Ukraine/Belarus/Kazakhstan. Wideband Jam Resistant Secure Communications will procure system engineering to support the Nuclear Command, Control and Communications (C3) missions. Ground Mobile Forces (GMF) Enhancement procures equipment components for the AN/TSC-85 and AN/TSC-93 Upgrade Program.</p> <p>FY08 Base program includes an increase of \$37.6 million for 'Grow the Army requirements. This increase will procure Satellite Communications Earth terminal: AN/GSC-70 and Satellite Communications Control Central: AN/GSC-39.</p> <p>FY2008 Base Appropriation: \$87.772 million; FY2008 Grow The Army: \$37.600 million; FY2008 Total: \$125.372 million</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis																
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS (SPACE) (BB8500)						Weapon System Type:		Date: February 2007				
OPA2 Cost Elements				ID	FY 06			FY 07			FY 08			FY 09		
CD				Total Cost	Qty	Unit Cost		Total Cost	Qty	Unit Cost		Total Cost	Qty	Unit Cost		
				\$000	Each	\$000		\$000	Each	\$000		\$000	Each	\$000		
ENTERPRISE WIDEBAND SAT TERM DIGITAL EQ				4853				7118				41291		41089		
ENTERPRISE WIDEBAND INTERCONNECT FAC				9439				11891				5543		5638		
WIDEBAND JAM RESISTANT SECURE COMM				17089				945				2000		2035		
Grow the Army - AN/GSC-70												30000				
ENTERPRISE WIDEBAND SAT PAY CONTROL SYS				15288				15626				20127		20246		
ENTERPRISE WIDEBAND SATELLITE TERM MODS				9966				11342				2010		13412		
Grow the Army - AN/GSC-39												7600				
SPECIAL COMMUNICATIONS LINKS PROGRAM				876				1099				1510		1502		
ENTERPRISE WIDEBAND SAT TERM - KaSTARS				808				503				13376		11547		
GMF ENHANCEMENT				4002				4876				1915		1000		
Total:				62321				53400				125372		96469		

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature GMF Enhancement (B08701)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	33.2	4.0	4.9	1.9	1.0		5.0	0.4			50.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	33.2	4.0	4.9	1.9	1.0		5.0	0.4			50.3
Initial Spares											
Total Proc Cost	33.2	4.0	4.9	1.9	1.0		5.0	0.4			50.3
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The AN/TSC-85 and AN/TSC-93 Tactical Satellite (TACSAT) Service Life Extension Program (SLEP) and Upgrade Program is required to meet the current communications requirements of the Warfighter within the Ground Mobile Forces (GMF) segment of the Defense Satellite Communications Systems (DSCS) and is required to insure TACSAT Operational Readiness until FY2015. The Upgraded Terminals will provide the deployed Warfighters the ability to take advantage of the satellite connectivity and to provide the means for the GMF ground segment to pass effective data rates and establish effective user communication networks. These Upgraded TACSAT Terminals will support the increased communications requirements of the Combatant Commanders.</p> <p>Justification: FY08/09 provides Program Management support for Active, Reserve and National Guard New Equipment Training & Fielding of upgraded AN/TSC-85D and AN/TSC-93D Terminals</p>											

Exhibit P-40M, Budget Item Justification Sheet										Date: February 2007	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment					P-1 Item Nomenclature GMF Enhancement (B08701)						
Program Elements for Code B Items:							Code:	Other Related Program Elements:			
Description		Fiscal Years									
OSIP No.	Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total
AN/TSC-85/93 Modernization											
0-00-00-0000		26.5	5.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0
Totals		26.5	5.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0

INDIVIDUAL MODIFICATION																				Date: February 2007			
MODIFICATION TITLE: AN/TSC-85/93 Modernization [MOD 1] 0-00-00-0000																							
MODELS OF SYSTEM AFFECTED: AN/TSC-85/93																							
DESCRIPTION / JUSTIFICATION: The AN/TSC-85 and AN/TSC-93 Tactical Satellite (TACSAT) Service Life Extension Program (SLEP) and Upgrade Program is required to meet the current communications requirements of the Warfighter within the Ground Mobile Forces (GMF) segment of the Defense Satellite Communications Systems (DSCS) and is required to insure TACSAT Operational Readiness until FY12. The Upgraded Terminals will provide the deployed Warfighters the ability to take advantage of the satellite connectivity and to provide the means for the GMF ground segment to pass effective data rates and establish effective user communication networks. These Upgraded TACSAT Terminals will support the increased communications requirements of the Combatant Commanders. FY2008 provides Program Management support for Unit New Equipment Training and Fielding.																							
DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S): In FY2006 the following major milestones were accomplished: (1) Installation, Upgrade, Purchase of material, Kit build and New Equipment Training (NET) for the ARNG 440th Sig Co (Las Vegas, NV); 93rd Sig BDE (Ft Gordon, GA); 35th Sig BDE (Ft Bragg, NC); 385th Sig Co (Kuwait); 86th Sig Bn (Ft Huachuca, AZ); 7th Sig BDE (Germany) and ARNG 146th Sig Bn (Jacksonville, FL).																							
Installation Schedule																							
		Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011				
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Inputs		135	20	20	2																		
Outputs		135	20	20	2																		
		FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals				
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs																			177				
Outputs																			177				
METHOD OF IMPLEMENTATION:		MWO				ADMINISTRATIVE LEADTIME:				4 months				PRODUCTION LEADTIME:				8 months					
Contract Dates:		FY 2008 - Feb 06								FY 2009 - Feb 07								FY 2010 - Feb 08					
Delivery Dates:		FY 2008 - Oct 06								FY 2009 - Oct 07								FY 2010 - Oct 08					

INDIVIDUAL MODIFICATION																		Date: February 2007			
MODIFICATION TITLE (cont): AN/TSC-85/93 Modernization [MOD 1] 0-00-00-0000																					
FINANCIAL PLAN: (\$ in Millions)																					
		FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
		Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
Hardware																					
High Voltage Power Supply		179	4.9																	179	4.9
AS-3036 Antenna Kit		128	2.9																	128	2.9
Enhanced Tactical SSP		179	5.0																	179	5.0
TYAD Kits		128	3.2																	128	3.2
Replacement FM Orderwire		136	4.2	67	2.5															203	6.7
Non-recurring Engineering																					
Documentation			1.3																		1.3
Test																					
Training			0.6		0.2																0.8
Total Pkg Fielding			0.2		0.2																0.4
Govt/Contractor Support			2.1		1.4		1.0														4.5
Installation of Hardware																					
FY 2005 & Prior Equip -- Kits		135	1.7																	135	1.7
FY 2006 -- Kits				42	0.6															42	0.6
FY 2006		70	0.4																	70	0.4
FY 2007				42	0.6															42	0.6
Total Installment		205	2.1	84	1.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	289	3.3
Total Procurement Cost			26.5		5.5		1.0		0.0		0.0		0.0		0.0		0.0		0.0		33.0

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Special Communications Links Program (B08900)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	3.9	0.9	1.1	1.5	1.5	1.6	1.1	1.2	1.2	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	3.9	0.9	1.1	1.5	1.5	1.6	1.1	1.2	1.2	Continuing	Continuing
Initial Spares											
Total Proc Cost	3.9	0.9	1.1	1.5	1.5	1.6	1.1	1.2	1.2	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: The National Command Authority (NCA), Special Communications Link program and the required modernization effort exists through a bilateral agreement for a 10-year user equipment modernization. This essential Priority 0 effort supports unique internal requirements that provide critical communications to support continuing peaceful relations between the United States President and Russia/Ukraine/Belarus/Kazakhstan leaders. The program includes the Direct Communications Link (DCL), Continuous Communications Link (CCL) and the Government-to-Government Communications Link (GGCL). Communications are for diplomatic peacekeeping, arms control and treaty verification purposes.</p> <p>Justification: FY08/09 procures the upgrades for the Direct Communications Link (DCL) between the President of the United States and leaders from Russia/Ukraine/Belarus/Kazakhstan to assure communications for arms control & disarmament and treaty verification.</p>											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Wideband Jam Resistant Secure Communications (BA8300)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	422.8	17.1	0.9	2.0	2.0	2.1	2.1	2.2	2.2	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	422.8	17.1	0.9	2.0	2.0	2.1	2.1	2.2	2.2	Continuing	Continuing
Initial Spares											
Total Proc Cost	422.8	17.1	0.9	2.0	2.0	2.1	2.1	2.2	2.2	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: The Jam Resistant Secure Communications (JRSC) provides communications connectivity that will survive jamming and high altitude nuclear events which cause High-Altitude Electromagnetic Pulse (HEMP) and other perturbed atmospheric conditions. The other identified anti-jam systems have already been acquired. The AN/GSC-49 Service Life Extension Program (SLEP) will extend selected Nuclear Command, Control and Communications (C3) missions on legacy Defense Satellite communications (DSCS) JRSC resources to meet the communication requirements in support of National Defense. These terminals support the President, Combatant Commanders, Global Command and Control Systems (GCCS) requirements, various DoD agencies and Defense Information Systems Network (DISN) traffic.</p> <p>Justification: FY08/09 procures the required system engineering and logistics support. Presently there is no other capability available to support Nuclear Command, Control and Communications (C3) missions.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment					P-1 Line Item Nomenclature: Wideband Jam Resistant Secure Communications (BA8300)				Weapon System Type:		Date: February 2007	
	OPA2 Cost Elements	ID CD	FY 06 Total CostQtyUnit Cost			FY 07 Total CostQtyUnit Cost			FY 08 Total CostQtyUnit Cost			FY 09 Total CostQtyUnit Cost	
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
JRSC/SLEP		15839			320			1060			1070		
Government/Contractor Engineering Spt		1000			400			600			625		
PM Admin		250			225			340			340		
Total:		17089			945			2000			2035		

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: February 2007</div> </div>											
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: Wideband Jam Resistant Secure Communications (BA8300)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
JRSC/SLEP											
FY 2006	TYAD Tobyhanna, PA		WR	CECOM, Ft. Monmouth, NJ	Mar 06	Jan 07			Yes		
FY 2007	TYAD Tobyhanna, PA		WR	CECOM, Ft. Monmouth, NJ	Mar 07	Jan 08			Yes		
FY 2008	TYAD Tobyhanna, PA		WR	CECOM, Ft. Monmouth, NJ	Mar 08	Jan 09			Yes		
FY 2009	TYAD Tobyhanna, PA		WR	CECOM, Ft Monmouth, NJ	Mar 09	Jan 10			Yes		
REMARKS: TYAD - Tobyhanna Army Depot											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Enterprise Wideband Satellite Terminal - (Mod) (BB8416)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	531.7	10.0	11.3	9.6	13.4	33.6	23.8	24.4	24.9	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	531.7	10.0	11.3	9.6	13.4	33.6	23.8	24.4	24.9	Continuing	Continuing
Initial Spares											
Total Proc Cost	531.7	10.0	11.3	9.6	13.4	33.6	23.8	24.4	24.9	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: These modifications modernize the aging AN/GSC-52 Medium Terminal (MT) in support of the horizontal Technology Insertion Program for the Defense Enterprise Wideband SATCOM System (DEWSS) Super High Frequency (SHF) strategic earth terminals. The result extends the life of the terminals, increases readiness, reduces training and logistics support, conserves energy and improves maintainability. This modernization effort eliminates system obsolescence, modernizes existing equipment and provides component commonality with other existing strategic terminals. Additionally, the procurement of the ground segment in support of Wideband Gapfiller Satellite System (WGS) was initiated in Prior years. These systems will augment/extend the long-haul transmission capabilities of the Defense Information Systems Network (DISN) and are vital to Department of Defense (DoD) and Non-DoD users worldwide. The AN/TSC-85 and TSC-93 Tactical Satellite (TACSAT) Service Life Extension Program (SLEP) and Upgrade Program is required to meet the current communications requirements of the warfighter within the Ground Mobile Forces (GMF) segment of DSCS. Starting in FY2004 funding for the AN/TSC-85 and TSC-93 modifications are now reflected in the GMF Enhancements justification material (SSN B08701).</p> <p>Justification: FY08 procures the required personnel support for the MET program.</p> <p>The FY08 Base program includes an increase of \$7.6 million for 'Grow the Army_ requirements. This increase will be used to procure 1 Satellite Communications Control Central: AN/GSC 39.</p> <p>FY09 procures required personnel support and one installation kit.</p>											

Exhibit P-40M, Budget Item Justification Sheet										Date: February 2007	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment					P-1 Item Nomenclature Enterprise Wideband Satellite Terminal - (Mod) (BB8416)						
Program Elements for Code B Items:								Code:	Other Related Program Elements:		
Description		Fiscal Years									
OSIP No.	Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total
AN/GSC-52 Modernization											
1-89-07-0030		541.6	11.3	7.6	0.0	0.0	0.0	0.0	0.0	0.0	560.5
Modernization of Enterprise Terminals (MET)											
0-00-00-0000		0.0	0.0	2.0	13.4	33.6	23.8	24.4	24.9	0.0	122.1
Totals		541.6	11.3	9.6	13.4	33.6	23.8	24.4	24.9	0.0	682.6

INDIVIDUAL MODIFICATION																				Date: February 2007			
MODIFICATION TITLE: AN/GSC-52 Modernization [MOD 1] 1-89-07-0030																							
MODELS OF SYSTEM AFFECTED: AN/GSC-52																							
DESCRIPTION / JUSTIFICATION: AN/GSC-52 Modernization contract was awarded in FY98 to develop the modernization kit which includes common hardware and software. Eliminates some component obsolescence by replacing existing RF equipment and antenna subsystem components. Provides commonality with existing terminals (AN/GSC-39 & AN/FSC-78) and the modernization also developed a common Control Alarm and Monitor (CMA) subsystem.																							
DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S): No RDTE proceeded this program																							
Installation Schedule																							
		Pr Yr Totals		FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs		37	1	1																			
Outputs		37		1	1																		
		FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals				
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs																			39				
Outputs																			39				
METHOD OF IMPLEMENTATION: MWO ADMINISTRATIVE LEADTIME: 3 months PRODUCTION LEADTIME: 30 months Contract Dates: FY 2008 - FY 2009 - FY 2010 - Delivery Dates: FY 2008 - FY 2009 - FY 2010 -																							

INDIVIDUAL MODIFICATION																		Date:		February 2007	
MODIFICATION TITLE (cont): AN/GSC-52 Modernization [MOD 1] 1-89-07-0030																					
FINANCIAL PLAN: (\$ in Millions)																					
	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
Up/Down Converters		31.4																		31.4	
Restoral Terminals	4	5.2																	4	5.2	
Installation Kits (Recur)																					
- Fixed	33	30.6																	33	30.6	
- Vanized	6	7.0																	6	7.0	
Non-Recurring Engineering		5.9																		5.9	
Engineering Change Orders		4.0																		4.0	
Antenna Modernization		4.1																		4.1	
Data/Documentation		4.1																		4.1	
Testing/TMDE		3.6																		3.6	
Training		1.1																		1.1	
FY 2011 Equip -- Kits																					
FY 2012 Equip -- Kits																					
Project Mgmt Admin		5.6		0.7																6.3	
Government Support		21.4		1.2																22.6	
Software Development/PPSS		11.4																		11.4	
CMA Retrofit Kits	46	6.9																	46	6.9	
Retrofit Hardware		17.1		3.2																20.3	
HT/MT Program	62	337.4																	62	337.4	
Grow the Army						7.6														7.6	
Installation of Hardware																					
FY 2005 & Prior Equip -- Kits	37	18.1																	37	18.1	
FY 2006 -- Kits				2.7																2.7	
FY 2007 Equip -- Kits				3.5																3.5	
FY 2008 Equip -- Kits																					
FY 2009 Equip -- Kits		11.7																		11.7	
FY 2010 Equip -- Kits		15.0																		15.0	
Total Installment	37	44.8	0	6.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	37	51.0	
Total Procurement Cost		541.6		11.3		7.6		0.0		0.0		0.0		0.0		0.0		0.0		560.5	

INDIVIDUAL MODIFICATION																				Date: February 2007		
MODIFICATION TITLE: Modernization of Enterprise Terminals (MET) [MOD 2] 0-00-00-0000																						
MODELS OF SYSTEM AFFECTED:																						
DESCRIPTION / JUSTIFICATION: MET is being defined as the next generation enterprise terminal. It will modernize existing terminals in the field (AN/FSC-78, AN/GSC-39 and GSC-52). This program will reduce Life Cycle Costs, training single vs multiple terminal requirements and increase reliability/maintainability.																						
DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):																						
Installation Schedule																						
	Pr Yr		FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	Totals		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																				1	1	1
Outputs																					1	1
	FY 2012				FY 2013				FY 2014				FY 2015				To		Totals			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete					
Inputs	2	2	2	1	2	2													14			
Outputs	1	2	2	2	1	2	2												14			
METHOD OF IMPLEMENTATION:		MWO				ADMINISTRATIVE LEADTIME:				18 months				PRODUCTION LEADTIME:				24 months				
Contract Dates:		FY 2008 - Mar 09								FY 2009 - Mar 10								FY 2010 - Mar 11				
Delivery Dates:		FY 2008 - Apr 11								FY 2009 - Apr 12								FY 2010 - Apr 13				

INDIVIDUAL MODIFICATION																		Date: February 2007			
MODIFICATION TITLE (cont): Modernization of Enterprise Terminals (MET) [MOD 2] 0-00-00-0000																					
FINANCIAL PLAN: (\$ in Millions)																					
	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
Hardware							3	11.3	7	25.1	4	14.0	3	10.4	4	13.9			21	74.7	
ECOs										5.2		2.5		3.1		3.3				14.1	
	NRE					1.5														1.5	
	Site Preparation									0.7		1.7		1.0		0.8				4.2	
	In-House Sys Prog Mgt					0.5		2.1		2.6		2.6		2.8		2.8				13.4	

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Enterprise Wideband Satellite Terminal Digital EQ (BB8501)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	558.4	4.9	7.1	41.3	41.1	70.3	56.7	56.1	57.3	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	558.4	4.9	7.1	41.3	41.1	70.3	56.7	56.1	57.3	Continuing	Continuing
Initial Spares											
Total Proc Cost	558.4	4.9	7.1	41.3	41.1	70.3	56.7	56.1	57.3	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: The Digital Communications Satellite Subsystem (DCSS) is the diverse array of baseband equipment found at nearly every Department of Defense (DoD) fixed earth terminal site operating with the Defense Satellite Communications System (DSCS) X-band satellites. When the Wideband Gapfiller System (WGS) satellites are launched, the DCSS role will further expand. The DSCS and future WGS are integral parts of the Global Information Grid (GIG). The Army DSCS and WGS programs are responsible for procuring the ground segment portion of all Army strategic satellite communications systems. The DCSS is a key element of the Standardized Tactical Entry Point (STEP) and DoD Teleport sites that provide the deployed Warfighters with global connectivity with each other and with every echelon of command, including strategic commanders, combatant commanders, the Pentagon and reach-back to their sustaining bases. DCSS equipment accepts voice frequency and digital data from terrestrial networks, telephone switches and microwave systems, including those providing access to the Defense Information System Network (DISN) services. The DCSS aggregates and converts such data into signals suitable for transmission via earth terminals to geosynchronous satellites for worldwide distribution. The multiplexing, modulation, coding, transmission security and anti-jamming equipment which comprises the DCSS is mounted in standard modular rack configurations that can be installed in various combinations to serve the specific communications mission of each earth terminal complex. The DCSS racks are housed in buildings or in transportable vans at sites worldwide. The DCSS includes both manual and automated patching facilities to ensure flexible and efficient utilization of both ground equipment and satellite resources. Since its inception in 1977, the DCSS has continually evolved to counter obsolescence, accommodate increased traffic demand and implement new services required by the Warfighters. DCSS equipment now being phased in supports the objectives of Joint Vision 2020, the Global Information Grid (GIG) and the ongoing Global War on Terrorism. The DCSS will be a vital part of the Transformational Communications Program-SATCOM (TCP-SATCOM).</p> <p>Justification: FY08/09 procures the minimum sustainment of baseband racks and their integration into the DSCS. These racks support the Joint Chief of Staff (JCS) validated Combatant Commanders/Service long haul communication requirements and the Global War on Terrorism initiatives. FY08/09 continues to fund multiplexer Integration and DCSS Automation System (MIDAS) which provides backward compatibility with the existing tactical infrastructure while providing technology insertion. FY08/09 also continues the procurement of the Enhanced Bandwidth Efficient Modem (EBEM) which provides greater utilization of limited satellite resources and the implementation of the Modernization of Enterprise Terminals (MET) program.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment			P-1 Line Item Nomenclature: Enterprise Wideband Satellite Terminal Digital EQ (BB8501)			Weapon System Type:			Date: February 2007			
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
DCSS Equipment Racks and Fabrication		1325	25	53	2432	38	64	1800	30	60	1825	30	61
EBEM		600	100	6	600	100	6	3200	400	8	3200	400	8
DCSS Upgrades								1585			1768		
MIDAS		1080	3	360	1110	3	370	1250	4	313	1250	4	313
MET								28017			3353		
Ft Detrick Relocation Equipment											3912		
FRHN Tech Refresh								2929					
Comm Infrastructure Upgrade											2029		
Baseband (X-Band) Refresh											17290		
Baseband (Ka-Band) Refresh											4370		
ECOs								1060			567		
System Integration/Fielding Support		449			1381			300			325		
Documentation		400			500								
Program Management Admin		999			1095			1150			1200		
Total:		4853			7118			41291			41089		

Exhibit P-5a, Budget Procurement History and Planning									Date: February 2007			
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: Enterprise Wideband Satellite Terminal Digital EQ (BB8501)							
WBS Cost Elements:		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
DCSS Equipment Racks and Fabrication												
FY 2006		TYAD Tobyhanna, PA		WR	CECOM, Ft. Monmouth, NJ	Nov 05	Dec 05	25	53	Yes		
FY 2007		TYAD Tobyhanna, PA		WR	CECOM, Ft. Monmouth, NJ,	Nov 06	Dec 06	38	64	Yes		
FY 2008		TYAD Tobyhanna, PA		WR	CECOM, Ft Monmouth, NJ	Nov 07	Dec 07	30	60	Yes		
FY 2009		TYAD Tobyhanna, PA		WR	CECOM, Ft Monmouth, NJ	Nov 08	Dec 08	30	61	Yes		
EBEM												
FY 2006		ViaSat, Inc. Carlsbad, CA		C/FFP	CECOM, Ft Monmouth, NJ	Mar 06	May 07	100	6	Yes		
FY 2007		ViaSat, Inc. Carlsbad, CA		C/FFP	CECOM, Ft Monmouth, NJ	Mar 07	May 08	100	6	Yes		
FY 2008		ViaSat, Inc. Carlsbad, CA		C/FFP	CECOM, Ft Monmouth, NJ	Mar 08	May 09	400	8	Yes		
FY 2009		ViaSat, Inc. Carlsbad, CA		C/FFP	CECOM, Ft Monmouth, NJ	Mar 09	May 10	400	8	Yes		
MIDAS												
FY 2006		Raytheon Marlborough, MA		C/FFP	CECOM, Ft. Monmouth, NJ	Apr 06	Feb 07	3	360	Yes		
FY 2007		Raytheon Marlborough, MA		C/FFP	CECOM, Ft. Monmouth, NJ	Apr 07	Feb 08	3	370	Yes		
FY 2008		Raytheon Marlborough, MA		C/FFP	CECOM, Ft Monmouth, NJ	Apr 08	Feb 09	4	313	Yes		
FY 2009		Raytheon Marlborough, MA		C/FFP	CECOM, Ft Monmouth, NJ	Apr 09	Feb 10	4	313	Yes		
REMARKS: TYAD - Tobyhanna Army Depot FRHM - Fixed Regional Hub Node ECO's - Engineer Change Orders												

<div> <div> FY 06 / 07 BUDGET PRODUCTION SCHEDULE </div> <div> P-1 ITEM NOMENCLATURE Enterprise Wideband Satellite Terminal Digital EQ (BB8501) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06														Calendar Year 07														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
DCSS Equipment Racks and Fabrication																																		
1	FY 06	A	25	0	25		A	2	2	3	3	3	2	3	3	3	1											0						
1	FY 07	A	38	0	38													A	4	4	4	4	4	4	4	4	3	3	0					
1	FY 08	A	30	0	30																							30						
1	FY 09	A	30	0	30																							30						
EBEM																																		
2	FY 06	A	100	0	100						A														40	40	20		0					
2	FY 07	A	100	0	100																	A						100						
2	FY 08	A	400	0	400																							400						
2	FY 09	A	400	0	400																							400						
MIDAS																																		
3	FY 06	A	3	0	3							A										2	1					0						
3	FY 07	A	3	0	3																		A					3						
3	FY 08	A	4	0	4																							4						
3	FY 09	A	4	0	4																							4						
Total			1137		1137			2	2	3	3	3	2	3	3	3	1			4	4	6	5	4	44	44	24	3	3	971				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX				Prior 1 Oct															After 1 Oct							
1	TYAD, Tobyhanna, PA					1	5	10		1	Initial	0	0	0													0							
											Reorder	0	0	0													0							
2	ViaSat, Inc., Carlsbad, CA					10	40	80		2	Initial	0	5	24													29							
											Reorder	0	5	14													19							
3	Raytheon, Marlborough, MA					1	2	4			Initial	0	11	8													19							
											Reorder	0	6	10	16																			
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

FY 08 / 09 BUDGET PRODUCTION SCHEDULE													P-1 ITEM NOMENCLATURE Enterprise Wideband Satellite Terminal Digital EQ (BB8501)										Date: February 2007									
COST ELEMENTS						Fiscal Year 08												Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08												Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
DCSS Equipment Racks and Fabrication																																
1	FY 06	A	25	25																									0			
1	FY 07	A	38	38																									0			
1	FY 08	A	30	0	30		A	3	3	3	3	3	3	3	3	3													0			
1	FY 09	A	30	0	30													A	3	3	3	3	3	3	3	3	3	3	0			
EBEM																																
2	FY 06	A	100	100																									0			
2	FY 07	A	100	0	100								40	40	20														0			
2	FY 08	A	400	0	400					A														80	80	80	80	80	0			
2	FY 09	A	400	0	400																A								400			
MIDAS																																
3	FY 06	A	3	3																									0			
3	FY 07	A	3	0	3					2	1																		0			
3	FY 08	A	4	0	4							A									2	2							0			
3	FY 09	A	4	0	4																		A						4			
Total			1137	166	971			3	3	5	4	3	43	43	23	3	3			3	3	5	5	3	83	83	83	83	83	404		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS NO PROCUREMENT LEAD TIME FOR DCSS EQUIPMENT - WORK EFFORT FOR SITE UPGRADES AND RACK FABRICATIONS ACCOMPLISHED BY TOBYHANNA ARMY DEPOT.																	
					MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct																					
1	TYAD, Tobyhanna, PA					1	5	10	0	0	0	0																				
2	ViaSat, Inc., Carlsbad, CA					10	40	80	0	5	24	29																				
3	Raytheon, Marlborough, MA					1	2	4	0	5	14	19																				
									0	11	8	19																				
									0	6	10	16																				

FY 10 / 11 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE Enterprise Wideband Satellite Terminal Digital EQ (BB8501)										Date: February 2007														
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10														Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
DCSS Equipment Racks and Fabrication																																		
1	FY 06	A	25	25																											0			
1	FY 07	A	38	38																											0			
1	FY 08	A	30	30																											0			
1	FY 09	A	30	30																											0			
EBEM																																		
2	FY 06	A	100	100																											0			
2	FY 07	A	100	100																											0			
2	FY 08	A	400	400																											0			
2	FY 09	A	400	0	400									80	80	80	80	80													0			
MIDAS																																		
3	FY 06	A	3	3																											0			
3	FY 07	A	3	3																											0			
3	FY 08	A	4	4																											0			
3	FY 09	A	4	0	4					2	2																				0			
Total			1137	733	404					2	2			80	80	80	80	80																
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS NO PROCUREMENT LEAD TIME FOR DCSS EQUIPMENT - WORK EFFORT FOR SITE UPGRADES AND RACK FABRICATIONS ACCOMPLISHED BY TOBYHANNA ARMY DEPOT.																			
					MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct																							
1	TYAD, Tobyhanna, PA					1	5	10	1	Initial	0	0	0	0																				
										Reorder	0	0	0	0																				
2	ViaSat, Inc., Carlsbad, CA					10	40	80	2	Initial	0	5	24	29																				
										Reorder	0	5	14	19																				
3	Raytheon, Marlborough, MA					1	2	4	3	Initial	0	11	8	19																				
										Reorder	0	6	10	16																				
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Enterprise Wideband Interconnect Facility (BB8504)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	194.2	9.4	11.9	5.5	5.6	8.6	8.1	7.4	7.6	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	194.2	9.4	11.9	5.5	5.6	8.6	8.1	7.4	7.6	Continuing	Continuing
Initial Spares											
Total Proc Cost	194.2	9.4	11.9	5.5	5.6	8.6	8.1	7.4	7.6	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: The Enterprise Wideband Interconnect Facility executes the Army's responsibility to install and relocate strategic Earth Terminals procured by Product Manager, Defense Communications and Army Transmission Systems (PM DCATS). For the Army, this program also designs, procures and installs the interconnect facility to interface the equipment with existing Technical Control and Special User Facilities.</p> <p>Justification: FY08/09 procures equipment in support of the Defense Information Systems Agency (DISA) and Joint Chiefs of Staff (JCS) directed satellite ground terminal relocations supporting the realignment of US forces worldwide. Installation of equipment provides the necessary reachback capabilities and secure satellite communications infrastructures for the deployed units supporting Operation Enduring and Iraqi Freedom. Changes in overseas manning, troop dispositions, and reachback requirements necessitate a flexibility in the deployment of the strategic ground resources.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis														Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: Enterprise Wideband Interconnect Facility (BB8504)				Weapon System Type:		Date: February 2007			
OPA2 Cost Elements		ID	FY 06			FY 07			FY 08			FY 09															
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost													
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000													
Install, and Test			4500			4875			2000			1800															
Deactivation/relocation			414			1616			100			1188															
Interconnect Facility Upgrades			500			750			293																		
Site Engineering Support			2000			2200			800			800															
Bill of Materials/Supplies			200			100			50			50															
Project Management Administration			450			690			700			700															
Government Support			1275			1310			1000			1000															
Site Preparation									100			100															
Wideband Configuration Mgt System			100			350			500																		
Total:			9439			11891			5543			5638															

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Enterprise Wideband Sat Payload Control System (BB8509)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	638.3	15.3	15.6	20.1	20.2	39.7	32.0	32.7	33.4	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	638.3	15.3	15.6	20.1	20.2	39.7	32.0	32.7	33.4	Continuing	Continuing
Initial Spares											
Total Proc Cost	638.3	15.3	15.6	20.1	20.2	39.7	32.0	32.7	33.4	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: The Enterprise Wideband Satellite Payload Control System provides for the management of Defense Satellite Communications System (DSCS) and Wideband Global SATCOM (WGS) earth terminal and satellite resources, which are required for rapid and efficient reaction to operational needs in support of the warfighter. State-of-the-art strategic satellite payload network control and planning systems for use with DSCS, WGS, and commercial satellite systems are procured and installed at Wideband Satellite Operation Centers worldwide. Payload control functions control and configure the satellites. Network control functions manage communications between operators and processors, generate and drive display formats, and maintain and provide rapid access to the network databases. The Army's effort to digitize forces has created a tremendous increase in demand for bandwidth. The Enterprise Wideband Satellite Payload Control Subsystems ensure efficient use of satellite power and resources, overcoming existing and projected bandwidth constraints, and allow U.S. forces to achieve information superiority on the battlefield. Enterprise Wideband Satellite Payload Control Systems also provide reliable satellite communications networks to support unique user mission requirements vital to national security under stressed and unstressed conditions. The Objective DSCS Operations Control System (ODOCS) will modernize and integrate legacy subsystems. It will replace the existing (largely manual) control system, provide enhanced control, and increase overall system availability for additional user requirements and missions, without increased operations and maintenance costs.</p>											
<p>Justification: FY08/09 procures the start of the Replacement Radio Frequency Interconnecting System (RRFIS), continues the Joint Management Operations System (JMOS), and completes the Integrated Monitoring and Power Control Subsystem (IMPCS) Phase I program. RRFIS provides RF, IF and data connectivity capabilities between the Wideband Satellite Operations Centers (WSOC) and collocated C-Band, X-Band, Ku-Band and Ka-Band Earth Terminals. JMOS is required for integrated management and control of Internet Protocol (IP) and Radio Frequency (RF) performance over transponded Defense Satellite Communications System (DSCS) and Wideband Global SATCOM (WGS) satellites. JMOS will provide the integrated tools and dashboard views that enable efficient and effective communication performance of IP networks and monitors overall IP performance and status. IMPCS Phase I provides a spectrum monitoring capability for the DSCS and WGS constellations. FY08/09 also procures software, engineering changes, system integration, and security certification of current and prior year procurements.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis													
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment					P-1 Line Item Nomenclature: Enterprise Wideband Sat Payload Control System (BB8509)					Weapon System Type:		Date: February 2007	
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Hardware:													
GSCCE		5800	2	2900									
JMOS					3283	7	469	874	2	437			
RRFIS								3400	4	850	3200	4	800
IMPCS											2610	18	145
SOFTWARE		2079			2861			3419			3142		
Test													
ECPs								2261			1317		
Government Engineering		2497			2495			2575			2600		
Contractor Engineering		1543			1556			1575			1625		
System Integration		663			2396			2385			2400		
Documentation								340			400		
Fielding		1509			1823			2073			1677		
PM Admin		1197			1212			1225			1275		
Total:		15288			15626			20127			20246		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007				
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment				Weapon System Type:		P-1 Line Item Nomenclature: Enterprise Wideband Sat Payload Control System (BB8509)								
WBS Cost Elements:		Contractor and Location			Contract Method and Type	Location of PCO		Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
GSCCE		Boeing Satellite Systems Los Angeles, CA			C/FP	AIR FORCE, Los Angeles, CA		Apr 06	Oct 07	2	2900	Yes		
JMOS					C/FP	CECOM, Ft. Monmouth, NJ		Apr 07	Dec 07	7	469	Yes		
					Option	CECOM, Ft. Monmouth, NJ		Jan 08	Jul 08	2	437	Yes		
RRFIS					C/FP	CECOM, Ft. Monmouth, NJ		Mar 08	Mar 09	4	850	Yes		
					Option	CECOM, Ft. Monmouth, NJ		Jan 09	Jul 09	4	800	Yes		
IMPCS		ITT Industries Colorado Springs, CO			C/FP Optio	CECOM, Ft. Monmouth, NJ		Mar 09	Mar 10	18	145	Yes		
REMARKS: GSCCE - Gapfiller Satellite Configuration Control Element JMOS - Joint Management Operations System RRFIS - Replacement Radio Frequency Interconnecting System IMPCS - Integrated Monitoring and Power Control System														

<div> <div>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</div> <div> <div>P-1 ITEM NOMENCLATURE</div> <div>Enterprise Wideband Sat Payload Control System (BB8509)</div> </div> <div> <div>Date:</div> <div>February 2007</div> </div> </div>																																		
COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 06											Calendar Year 07														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
GSCCE																																		
1	FY 06	A	2	0	2								A															2						
JMOS																																		
2	FY 07	A	7	0	7																				A			7						
2	FY 08	A	2	0	2																							2						
RRFIS																																		
	FY 08	A	4	0	4																							4						
	FY 09	A	4	0	4																							4						
IMPCS																																		
4	FY 09	A	18	0	18																							18						
Total			37		37																							37						
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	Boeing Satellite Systems, Los Angeles, CA					1	1	1	1	Initial	0	6	18		24																		
											Reorder	0	3	18		21																		
	2	TBS, TBS					1	1	1	2	Initial	0	6	8		14																		
											Reorder	0	3	6		9																		
	3	TBS, TBS					1	1	1	3	Initial	0	5	12		17																		
											Reorder	0	3	6		9																		
	4	ITT Industries, Colorado Springs, CO					1	2	4	4	Initial	0	5	12		17																		
											Reorder	0	3	6		9																		
										Initial																								
										Reorder																								

<div> <div>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</div> <div> <div>P-1 ITEM NOMENCLATURE</div> <div>Enterprise Wideband Sat Payload Control System (BB8509)</div> </div> <div> <div>Date:</div> <div>February 2007</div> </div> </div>																																		
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 08											Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
GSCCE																																		
1	FY 06	A	2	0	2	1	1																					0						
JMOS																																		
2	FY 07	A	7	0	7			1	1	1	1	1	1	1														0						
2	FY 08	A	2	0	2				A						1	1												0						
RRFIS																																		
	FY 08	A	4	0	4						A												1	1	1	1		0						
	FY 09	A	4	0	4														A						1	1	1	1						
IMPCS																																		
4	FY 09	A	18	0	18																		A					18						
Total			37		37	1	1	1	1	1	1	1	1	1	1								1	1	1	1	1	1	19					
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	Boeing Satellite Systems, Los Angeles, CA	1	1	1		1	Initial	0	6	18	24																						
								Reorder	0	3	18	21																						
	2	TBS, TBS	1	1	1		2	Initial	0	6	8	14																						
								Reorder	0	3	6	9																						
	3	TBS, TBS	1	1	1			Initial	0	5	12	17																						
								Reorder	0	3	6	9																						
	4	ITT Industries, Colorado Springs, CO	1	2	4		3	Initial	0	5	12	17																						
								Reorder	0	3	6	9																						
							Initial																											
							Reorder																											

FY 10 / 11 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE Enterprise Wideband Sat Payload Control System (BB8509)										Date: February 2007														
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10														Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
GSCCE																																		
1	FY 06	A	2	2																										0				
JMOS																																		
2	FY 07	A	7	7																										0				
2	FY 08	A	2	2																										0				
RRFIS																																		
	FY 08	A	4	4																										0				
	FY 09	A	4	3	1	1																								0				
IMPCS																																		
4	FY 09	A	18	0	18						1	1	1	1	2	2	2	2	2	2	2									0				
Total			37	18	19	1					1	1	1	1	2	2	2	2	2	2	2													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
1	Boeing Satellite Systems, Los Angeles, CA					1	1	1		1	Initial	0	6	18	24																			
										Reorder	0	3	18	21																				
2	TBS, TBS					1	1	1		2	Initial	0	6	8	14																			
3	TBS, TBS					1	1	1			Reorder	0	3	6	9																			
4	ITT Industries, Colorado Springs, CO					1	2	4		3	Initial	0	5	12	17																			
											Reorder	0	3	6	9																			
										4	Initial	0	5	12	17																			
											Reorder	0	3	6	9																			
											Initial																							
											Reorder																							

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Enterprise Wideband Satellite Terminal - KaSTARS (BB8511)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	17.2	0.8	0.5	43.4	11.5	10.2	2.3	3.9	4.1	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	17.2	0.8	0.5	43.4	11.5	10.2	2.3	3.9	4.1	Continuing	Continuing
Initial Spares											
Total Proc Cost	17.2	0.8	0.5	43.4	11.5	10.2	2.3	3.9	4.1	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: The Wideband Gapfiller Satellite (WGS) program is required to meet the current and emerging communications requirements of the warfighter and to augment the DSCS III/Service Life Extension Program (SLEP) Ground Communications System. The Ka-Band terminals will provide the deployed Warfighters the ability to take advantage of the increased satellite connectivity and provide the means for the WGS Control Segment to control Gapfiller payloads and user communications networks. The new Ka-Band terminals will support the increased communications requirements of the Combatant Commanders. This system will augment the long-haul transmission capabilities of the Defense Information Systems Network (DISN) which are vital to DoD and Non-DoD users worldwide.</p> <p>Justification: FY08/09 procures two KaSTARS terminals and associated support FY09 will also procure one training simulator.</p> <p>The FY08 Base program includes an increase of \$30.0 million for 'Grow the Army' requirements. This increase will be used to procure 1 Satellite Communications Earth Terminal: AN/GSC-70.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: Enterprise Wideband Satellite Terminal - KaSTARS (BB8511)				Weapon System Type:		Date: February 2007	
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Hardware								6931	2	3466	6755	2	3378
ECO								416			405		
Training Simulator											1500	1	1500
PPSS								700			81		
Data								93			95		
Test Equipment								162			166		
MET Non-Recurring								4273					
Training								32			32		
Site Preparation & Installation								169			1913		
Government/Contractor Support		808			503			600			600		
Grow The Army													
AN/GSC-70								30000					
Grow The Army Total		808			503			43376			11547		
Total:		808			503			43376			11547		

Exhibit P-40, Budget Item Justification Sheet										Date: February 2007	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature SHF TERM (BA9350)					
Program Elements for Code B Items:			Code: A		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	228.0	32.3	28.3	14.0	0.3			22.7			325.7
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	228.0	32.3	28.3	14.0	0.3			22.7			325.7
Initial Spares											
Total Proc Cost	228.0	32.3	28.3	14.0	0.3			22.7			325.7
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: A contract was awarded to L3 Communications - West in April 2003 by PM WIN-T to satisfy critical operational requirements for tactical Super High Frequency (SHF) capability as articulated in validated Operational Needs Statements (ONS). The requirements are being satisfied via the multi-band SHF terminal, providing C, X, Ku and Ka-Band satellite communications capability, and operating over commercial and military SHF satellites. The SHF terminal satisfies tactical, highly mobile, command and control, intelligence, fire support, air defense and logistics wideband communications requirements in support of Army and multi-service users. Fielding is to Active Signal Battalions, which allows legacy AN/TSC-85 and 93 SATCOM terminals to be cascaded to Guard and Reserve Signal battalions. Terminals procured FY04 and prior were integrated into M1113 Expanded Capability Vehicles (ECVs). Terminals procured FY05 and beyond are being integrated into M1152 ECVs and Integrated Armor Package (IAP) M1152 ECVs. The final truck configuration, yet to be determined, will be fully armored. Funding for the fully armored effort is in FY2012. Full Rate Production (FRP) for the Phoenix SHF Quad-Band Terminal Program was approved 28 Jul 2005. Total planned procurement is 66 Phoenix Terminals. This program is designated as a DoD Space Program.</p> <p>Justification: FY08 and FY09 will procure 1 Tactical SHF Quad-Band Terminal to meet goal APO of 66 terminals. Funds Wideband Gapfiller Satellite (WGS) Multiservice Operations Test & Evaluation (MOTE). Funding for WGS MOTE enables Phoenix to be a participant and to verify operation over WGS. Additionally, FY08 and FY09 pays for the Program Management Office (PMO) to monitor the manufacturing and delivery of twelve (12) terminals and their fieldings as well as ECPs and their fieldings. The SHF terminal provides a highly mobile, strategically transportable, wideband communications capability which significantly enhances the warfighter's intra- and inter-theater communications in support of GWOT and other tactical forces.</p> <p>FY2006 includes supplemental funding in the amount of \$10 million to support the Global War On Terrorism (GWOT).</p> <p>The FY2008 base program includes an increase of \$5.174 million for the Grow the Army requirements. This increase will be used to procure 2 Phoenix terminals to include 2 BIIDS.</p> <p>FY 2008 Base Appropriation - \$8.790 million FY 2008 Grow the Army - \$5.174 million FY 2008 Total - \$13.964 million</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: SHF TERM (BA9350)			Weapon System Type:		Date: February 2007		
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Base Appropriation													
SHF Terminal		19867	13	1528	16335	11	1485	1671	1	1671			
GFE		818			877			80					
Data		526			200			703					
Contractor Support		520			1625			1451					
Engineering Support		701			926			773					
Government Program Management		1451			2131			1969			30		
Logistics/Fielding		2267			2488			476			270		
Modularity Fielding		1991											
ECPs		4204			3763			1054					
WGS MOTE								613					
Total Baseline		32345			28345			8790			300		
Grow the Army													
SHF Terminals								3342	2	1671			
GFE								174					
Engineering Support								327					
Logistics/Fielding								659					
ECPs								95					
Modularity Fielding								577					
Total Grow the Army								5174					
Total:		32345			28345			13964			300		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: SHF TERM (BA9350)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Base Appropriation											
FY 2006	L3 Communications - West Salt Lake City, UT		C/FFP/OPT	CE-LCMC	Apr 06	Apr 07	7	1528	Yes		
FY 2006	L3 Communications - West Salt Lake City, UT		C/FFP/OPT	CE-LCMC	Jul 06	Jan 08	5	1528	Yes		
FY 2006	L3 Communications - West Salt Lake City, UT		C/FFP/OPT	CE-LCMC	Mar 07	Jul 08	1	1528	Yes		
FY 2007	L3 Communications - West Salt Lake City, UT		C/FFP/OPT	CE-LCMC	Mar 07	Jul 08	11	1485	Yes		
FY 2008	L3 Communications - West Salt Lake City, UT		C/FFP/OPT	CE-LCMC	Jan 08	Jan 09	1	1671	Yes		
Grow the Army											
FY 2008	L3 Communications - West Salt Lake City, UT		C/FFP/OPT	CE-LCMC	Jan 08	Jan 09	2	1671	Yes		
REMARKS: Procuring one (1) Phoenix terminal with FY2006 funds in FY2007 to achieve an economic order quantity procurement.											

<div> <div>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</div> <div> <div>P-1 ITEM NOMENCLATURE SHF TERM (BA9350)</div> <div>Date: February 2007</div> </div> </div>																																		
COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 06											Calendar Year 07														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Base Appropriation																																		
1	FY 06	A	7	0	7							A													4					3				
1	FY 06	A	5	0	5										A															5				
1	FY 06	A	1	0	1																			A						1				
1	FY 07	A	11	0	11																			A						11				
1	FY 08	A	1	0	1																									1				
Grow the Army																																		
1	FY 08	A	2	0	2																									2				
Total			27		27																				4					23				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	L3 Communications - West, Salt Lake City, UT					1	Initial	2	6	13	19																						
								Reorder	6	3	12	15																						
								Initial																										
								Reorder																										
								Initial																										
								Reorder																										
								Initial																										
								Reorder																										

<table border="1"> <tr> <td colspan="18">FY 08 / 09 BUDGET PRODUCTION SCHEDULE</td> <td colspan="8">P-1 ITEM NOMENCLATURE SHF TERM (BA9350)</td> <td colspan="2">Date: February 2007</td> </tr> </table>																												FY 08 / 09 BUDGET PRODUCTION SCHEDULE																		P-1 ITEM NOMENCLATURE SHF TERM (BA9350)								Date: February 2007	
FY 08 / 09 BUDGET PRODUCTION SCHEDULE																		P-1 ITEM NOMENCLATURE SHF TERM (BA9350)								Date: February 2007																													
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later																					
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 08											Calendar Year 09																																			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																										
1	FY 06	A	7	4	3			3																				0																											
1	FY 06	A	5	0	5				1			3			1													0																											
1	FY 06	A	1	0	1									1														0																											
1	FY 07	A	11	0	11									2	4	2	2		1									0																											
1	FY 08	A	1	0	1				A											1								0																											
Grow the Army																																																							
1	FY 08	A	2	0	2				A											2								0																											
Total			27	4	23			3	1		3			4	4	2	2		1	3																																			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																										

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR 1		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct			
1	L3 Communications - West, Salt Lake City, UT	1	4	8			Initial	2	6	13	19	
						Reorder	6	3	12	15		
						Initial						
						Reorder						
						Initial						
						Reorder						
						Initial						
						Reorder						

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE) (K47800)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	81505	45797	23927	33375	15208	24089	19363	24087	22336	Continuing	Continuing
Gross Cost	429.1	116.8	77.9	97.3	52.0	75.8	66.0	75.8	70.0	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	429.1	116.8	77.9	97.3	52.0	75.8	66.0	75.8	70.0	Continuing	Continuing
Initial Spares											
Total Proc Cost	429.1	116.8	77.9	97.3	52.0	75.8	66.0	75.8	70.0	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: The Navstar Global Positioning System (GPS) is a passive, space-based, radio positioning and navigation system providing precise, three-dimensional position, navigation, velocity and timing information to warfighters. The Navstar GPS program is designated as a DoD Space Program and the United States Air Force (USAF) is the executive service. The Joint Program Office develops GPS User Equipment (PE 35164F) with direct Army management and participation. The Army's Navstar GPS program provides for management, procurement, fielding, and support of GPS User Equipment developed by and largely procured through the Joint Program Office. GPS User Equipment consists of a family of receivers supporting both handheld and host platform environments. GPS receivers provide critical information to commanders, staff and Soldiers enabling increased lethality, dominant maneuver, precision strike, situational awareness and information dominance/superiority functions that will enhance the technologies to support the future Army. GPS User Equipment includes Army aviation users, ground users and host vehicles. Current/Future GPS User Equipment will be in both handheld (Precision Lightweight GPS Receiver [PLGR] and Defense Advanced GPS Receiver [DAGR]) and platform embedded (GPS Receiver Applications Module [GRAM] applications.) The DAGR has been designated a Horizontal Technology Integration (HTI) program and provides essential capabilities to numerous weapon systems and platforms. This program has been designated as a DoD Space Program.</p> <p>Justification: FY 2008/2009 funds the procurement, fielding, and software support of the Defense Advanced GPS Receiver (DAGR). FY 2008 procures DAGRs to support fielding Combat, Combat Support, and Combat Service Support units in accordance with Army Campaign Plan requirements. FY 2008 also procures DAGRs to support the fielding of Force XXI Battle Command Brigade and Below (FBCB2) Blue Force Tracking systems to facilitate improved situational awareness across the force. FY 2008 funds re-utilization/cascade of the Precision Lightweight GPS Receiver (PLGR) from Active Army component units to Army National Guard (ARNG) and U.S. Army Reserve (USAR) component units. FY 2009 procures DAGRs to support fielding Combat, Combat Support, and Combat Service Support units in accordance with Army Campaign Plan requirements. FY 2009 also procures DAGRs to support the fielding of Force XXI Battle Command Brigade and Below (FBCB2) Blue Force Tracking systems to facilitate improved situational awareness across the force.</p> <p>The FY08 Base program includes an increase of \$10.413 million for Grow the Army requirements. The increase will be used for the procurement and Total Package Fielding of 4,339 DAGRs.</p> <p>FY08 Base Appropriation: \$86.877 Million; FY08 Grow the Army: \$10.413 Million; FY08 Total: \$97.290 Million</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment			P-1 Line Item Nomenclature: NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE) (K47800)			Weapon System Type:			Date: February 2007			
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Hardware:													
DAGR Base		106125	45797	2	56540	23927	2	69686	29036	2	36498	15208	2
DAGR Grow the Army								10413	4339	2			
DAGR/SDA					3900								
GB-GRAM Competition					1900								
PLGR Re-Utilization					1600			1500					
Software Support		893			1106			1471			1425		
Product Support:													
Total Package Fielding		5151			9006			8998			8740		
Program Management		3722			3017			3521			3584		
Government In-House		710			695			838			851		
Integration Engineering		104			34			150			162		
Test and Evaluation		100			150			713			724		
Total:		116805			77948			97290			51984		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE) (K47800)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
DAGR Base											
FY 2006	Rockwell Collins, Inc. Cedar Rapids, IA		FFP/ID/IQ	Los Angeles AFB, CA	Jan 06	May 06	45797	2	Yes		
FY 2007	Rockwell Collins, Inc. Cedar Rapids, IA		FFP/ID/IQ	Los Angeles AFB, CA	Nov 06	May 07	23927	2	Yes		
FY 2008	Rockwell Collins, Inc. Cedar Rapids, IA		FFP/ID/IQ	Los Angeles AFB, CA	Jan 08	Jun 08	29036	2	Yes		
FY 2009	Rockwell Collins, Inc. Cedar Rapids, IA		FFP/ID/IQ	Los Angeles AFB, CA	Jan 09	Jun 09	15208	2	Yes		
DAGR Grow the Army											
FY 2008	Rockwell Collins, Inc. Cedar Rapids, IA		FFP/ID/IQ	Los Angeles AFB, CA	Jan 08	Jun 08	4339	2			
REMARKS:											

<div> <div> FY 06 / 07 BUDGET PRODUCTION SCHEDULE </div> <div> P-1 ITEM NOMENCLATURE NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE) (K47800) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06														Calendar Year 07														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
DAGR Base																																		
1	FY 06	A	45797	0	45797				A					1672	1672	1672	1672	1672	1672	1672	1672	3364	3364	3364	3364	2145	2145	2145	2145	10385				
1	FY 07	A	23927	0	23927														A						1994	1994	1994	1994	1994	13957				
1	FY 08	A	29036	0	29036																								29036					
1	FY 09	A	15208	0	15208																								15208					
DAGR Grow the Army																																		
1	FY 08	A	4339	0	4339																								4339					
Total			118307		118307									1672	1672	1672	1672	1672	1672	1672	1672	3364	3364	3364	5358	4139	4139	4139	4139	72925				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS FY06 funded 3 Separate Delivery Orders Awarded in Jan 06, Jul 06, and Nov 06.																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	Rockwell Collins, Inc., Cedar Rapids, IA					500	3500	4800			Initial	0	4		6	10																	
												Reorder	0	2		6	8																	
												Initial																						
												Reorder																						
												Initial																						
												Reorder																						
												Initial																						
												Reorder																						

FY 08 / 09 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE) (K47800)										Date: February 2007										
COST ELEMENTS						Fiscal Year 08										Fiscal Year 09										Later								
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08										Calendar Year 09																		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P				
DAGR Base																																		
1	FY 06	A	45797	35412	10385	2145	2145	2145	2145	453	453	450	449																			0		
1	FY 07	A	23927	9970	13957	1994	1994	1994	1994	1994	1994	1993																				0		
1	FY 08	A	29036	0	29036				A					2420	2420	2420	2420	2420	2420	2420	2420	2420	2420	2420	2420	2420	2420	2420	2416			0		
1	FY 09	A	15208	0	15208																A									1268	1268	1268	1268	10136
DAGR Grow the Army																																		
1	FY 08	A	4339	0	4339				A					362	362	362	362	362	362	362	362	362	362	362	362	362	362	362	357				0	
Total			118307	45382	72925	4139	4139	4139	4139	2447	2447	2443	449	2782	2782	2782	2782	2782	2782	2782	2782	2782	2782	2782	2782	2782	2782	2782	2773	1268	1268	1268	1268	10136
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS FY06 funded 3 Separate Delivery Orders Awarded in Jan 06, Jul 06, and Nov 06.																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	Rockwell Collins, Inc., Cedar Rapids, IA					500	3500	4800		1	Initial	0	4																			6	10
											Reorder	0	2	6																			8	
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								

FY 10 / 11 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE) (K47800)										Date: February 2007												
COST ELEMENTS						Fiscal Year 10												Fiscal Year 11												Later		
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10												Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
DAGR Base																																
1	FY 06	A	45797	45797																										0		
1	FY 07	A	23927	23927																										0		
1	FY 08	A	29036	29036																										0		
1	FY 09	A	15208	5072	10136	1268	1268	1268	1268	1268	1268	1260																		0		
DAGR Grow the Army																																
1	FY 08	A	4339	4339																										0		
Total			118307	108171	10136	1268	1268	1268	1268	1268	1268	1260																				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																
						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																			
1	Rockwell Collins, Inc., Cedar Rapids, IA					500	3500	4800				0	4	6	10																	
												0	2	6	8																	

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 2 / Communications and Electronics Equipment</small>						P-1 Item Nomenclature <small>GLOBAL BRDCST SVC - GBS (BC4120)</small>					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	70.0	13.1	16.7	35.7	32.3	5.8	3.9	4.0	4.1		185.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	70.0	13.1	16.7	35.7	32.3	5.8	3.9	4.0	4.1		185.6
Initial Spares											
Total Proc Cost	70.0	13.1	16.7	35.7	32.3	5.8	3.9	4.0	4.1		185.6
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: Global Broadcast Service (GBS) is a Joint Program that satisfies the need for a high-speed, one-way broadcast of high volume multi-media information to users world-wide. GBS provides deployed users access to national level repositories of intelligence products and other critical mission planning tools. GBS is the primary means of rebroadcasting theater Unmanned Aerial Vehicle (UAV) products to deployed users supporting Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF). The Air Force (AF) was designated as the executive service and leads the Joint Program Office (JPO). The Army is the ACAT III manager for the Transportable Ground Receive Suites (TGRS) and the Theater Injection Point (TIP). In FY03, the Office of Secretary of Defense directed the change of the GBS system architecture from Asynchronous Transfer Mode (ATM) to Internet Protocol (IP). The IP hardware provides increased performance, reliability, and maintainability for GBS users. The Army supports the GBS JPO for the development and procurement of the TGRS and the TIP. The TGRS consists of a Receive Broadcast manager (RBM) and a small satellite antenna called the Next Generation Receive Terminal (NGRT). The antenna receives and sends a downlink signal to the RBM for processing and distribution to the Local Area Network (LAN) end user. GBS is designated as a Department of Defense Space System and the combination of the NGRT and the IP RBM provides an ORD compliant TGRS. The TIP consists of a Transportable Satellite Broadcast manager (TSBM) that builds the product broadcast and a Radio Frequency (RF) injector that transmits the data stream to the satellite. The RF injector portion of the TIP is the Phoenix Block 2 Terminal. The TIP provides an in-theater injection capability to the GBS architecture distributing vital Joint Task Force Commanders' in-theater information to TGRS.</p> <p>Justification: FY08/FY09 will procure 190 and 116 Transportable Ground Receive Suites (TGRS) respectively. This procurement continues toward meeting the Army's Authorized Procurement Objective (APO) of 557 ORD compliant TGRS and three Theater Injection Point (TIPs).</p> <p>FY06 includes supplemental funds in the amount of \$8.5 million to support the global war on terrorism (GWOT).</p> <p>The FY 2008 base program includes a increase of \$2.250 million for Grow the Army requirements. The increase will be used to procure 15 GBS TGRS, GFE, fielding and training, and Engineering Support.</p> <p>FY 2008 Base Appropriation: \$33.447 million; FY 2008 Grow the Army: \$ 2.250 million; FY 2008 Total: \$35.697 million</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: GLOBAL BRDCST SVC - GBS (BC4120)				Weapon System Type:		Date: February 2007	
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Base													
Transportable Ground Receive Suite (TGRS		5828	59	99	6324	62	102	22420	190	118	13920	116	120
Theater Satellite Broadcast Mngr (TSBM)													
Next Generation Receive Terminal (NGRT)													
SHF Terminal (replaces TTI RF head)					2870	2	1435						
GFE		535			680			2090			1508		
Government Engineering		1978			1634			2401			2727		
Government Program Management		676			613			637			978		
Test		360			1056			250			100		
Contractor Logistics Support		1864			1600			3423			4428		
Fielding		1883			1959			2226			4857		
ECP											3800		
Total Baseline		13124			16736			33447			32318		
Grow the Army													
Transportable Ground Receive Suite (TGRS								1770	15	118			
GFE								12					
Engineering Support								66					
Fielding								402					
Total Grow the Army								2250					
Total:		13124			16736			35697			32318		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: GLOBAL BRDCST SVC - GBS (BC4120)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Transportable Ground Receive Suite (TGRS)											
FY 2006	Raytheon (TGRS) Reston, VA		C/OPT	Hanscom AFB, MA	Jul 06	Dec 06	59	99	Yes		
FY 2007	Raytheon (TGRS) Reston, VA		C/OPT	Hanscom AFB, MA	Mar 07	Aug 07	62	102	Yes		
FY 2008	TBS TBS		TBD	TBS	Feb 08	May 08	190	118			
FY 2009	TBS TBS		TBD	TBS	Feb 09	May 09	116	120			
Theater Satellite Broadcast Mngr (TSBM)											
FY 2005	Raytheon (TSBM) Reston, VA		C/OPT	Hanscom AFB, MA	Mar 05	Jun 07	1	3640	Yes		
FY 2005	Raytheon (TSBM) Reston, VA		C/OPT	Hanscom AFB, MA	Sep 05	Jul 07	2	3640	Yes		
Next Generation Receive Terminal (NGRT)											
FY 2005	Raytheon (NGRT) Reston, VA		C/OPT	Hanscom AFB, MA	May 05	Dec 05	42	69	Yes		
Grow the Army											
FY 2008	TBS TBS		TBD	TBS			15	118	No		
REMARKS: FY2008 Grow the Army: Funds are for procuring/fielding of 15 TGRS.											
The Air Force anticipates a new contract award in FY08.											

FY 06 / 07 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE GLOBAL BRDCST SVC - GBS (BC4120)										Date: February 2007														
COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06														Calendar Year 07														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Transportable Ground Receive Suite (TGRS)																																		
1	FY 06	A	59	0	59										A						3	8	8	8	8	8	8	8				0		
1	FY 07	A	62	0	62																								16	16	30			
4	FY 08	A	190	0	190																										190			
4	FY 09	A	116	0	116																										116			
Theater Satellite Broadcast Mngr (TSBM)																																		
2	FY 05	A	1	0	1																								1			0		
2	FY 05	A	2	0	2																								1		1	0		
Next Generation Receive Terminal (NGRT)																																		
3	FY 05	A	42	0	42																8	8	10	8	8							0		
Grow the Army (TGRS)																																		
4	FY 08	A	15	0	15					A				2	2	2	2	2	2	2	1											0		
Total			487		487								2	2	2	2	2	2	2	2	12	16	18	16	16	8	9	9	16	17	336			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached	MFR			ADMIN LEAD TIME		MFR		TOTAL		REMARKS Production line shared with other Services. SHF Terminal replaces TTI for commonality with the Phoenix Terminal.															
						MIN	1-8-5	MAX	D+	1	Initial	Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct																	
1	Raytheon (TGRS), Reston, VA					8	16	32			Reorder	6	8	9	17																			
2	Raytheon (TSBM), Reston, VA					1	2	2		2	Initial	9	3	15	18																			
3	Raytheon (NGRT), Reston, VA					16	32	32			Reorder	0	2	11	13																			
										3	Initial	10	0	8	8																			
											Reorder	0	1	6	7																			
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

FY 08 / 09 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE GLOBAL BRDCST SVC - GBS (BC4120)										Date: February 2007															
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later	
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09															
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
Transportable Ground Receive Suite (TGRS)																																			
1	FY 06	A	59	59																											0				
1	FY 07	A	62	32	30	16	14																								0				
4	FY 08	A	190	0	190					A				16	16	16	16	16	16	16	16	16	16	16	16	16	14				0				
4	FY 09	A	116	0	116																	A				16	16	16	16	16	36				
Theater Satellite Broadcast Mngr (TSBM)																																			
2	FY 05	A	1	1																											0				
2	FY 05	A	2	2																											0				
Next Generation Receive Terminal (NGRT)																																			
3	FY 05	A	42	42																											0				
Grow the Army (TGRS)																																			
4	FY 08	A	15	15																											0				
Total			487	151	336	16	14						16	16	16	16	16	16	16	16	16	16	16	16	16	14	16	16	16	16	36				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS FY2008 Grow the Army: Funds are for procuring and fielding to 15 new BNs. Production line shared with other Services.																			
						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																						
	1	Raytheon (TGRS), Reston, VA					8	16	32		1	Initial	6	8	9																				17
											Reorder	0	1	6	7																				
	2	Raytheon (TSBM), Reston, VA					1	2	2		2	Initial	9	3	15																				18
											Reorder	0	2	11	13																				
	3	Raytheon (NGRT), Reston, VA					16	32	32		3	Initial	10	0	8																				8
											Reorder	0	1	6	7																				
											Initial																								
											Reorder																								
										Initial																									
										Reorder																									

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature ARMY GLOBAL CMD & CONTROL SYS (AGCCS) (BA8250)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	214.6	24.9	25.2	25.9	26.6	22.3	15.0	5.1	5.3	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	214.6	24.9	25.2	25.9	26.6	22.3	15.0	5.1	5.3	Continuing	Continuing
Initial Spares											
Total Proc Cost	214.6	24.9	25.2	25.9	26.6	22.3	15.0	5.1	5.3	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: Global Command and Control System-Army (GCCS-A) provides critical automated Command and Control (C2) tools for Combatant Commanders (COCOMs) and Army Component Commanders (ACCs) to enhance warfighter capabilities throughout the spectrum of conflict during joint and combined operations in support of National Command Authority (NCA). GCCS-A provides the interface between Global Command & Control System - Joint (GCCS-J) and Army Battlefield Command Systems (ABCS). GCCS-A provides readiness reporting, mobilization & deployment capability information for active, guard and reserve forces as well as providing the Joint Common Operational Picture (COP) and intra-theater planning and movement. For Strategic Commanders, GCCS-A Information Technology (IT) provides readiness, planning, mobilization & deployment capability. For Theater Commanders, GCCS-A provides Joint COP and associated friendly and enemy status information, movement, force employment planning and execution tools, and overall interoperability with Joint, Coalition, & Tactical ABCS. It supports major Army commands (MACOMs), Army Combatant Commanders (COCOMs), Army Commands and Components, and Army elements within the Pentagon. GCCS-A supports all headquarters staff sections that support all phases of conflict, & Stability & Support Operations (SASO). In addition, PM GCCS-A is the Executive Agent with responsibility to procure & field GCCS-J hardware & COTS software to selected GCCS-J sites.</p> <p>GCCS-A is the Army service component of the GCCS-J Family of Systems (FoS) being implemented in accordance with the GCCS concept of Common Operating Environment (COE) and a member of ABCS. GCCS-A is implemented in accordance with GCCS-J architecture and ABCS Capstone Requirements Document (CRD) and rides on the COE. GCCS-A integrates system software & hardware using a site's existing communications architecture. GCCS-A provides commercial-off-the-shelf (COTS) hardware & COTS developed software to user sites. The hardware includes various types of servers & user workstations. The hardware & software provides directory, database, web, communications and portal capabilities to enhance & facilitate Command & Control functions of the developed software described above. Supporting functions include user administration & security.</p>											
<p>Justification: FY2008/FY2009 procure mission critical hardware & COTS software support for previously fielded software at all Army managed & Operation Iraqi Freedom (OIF) sites. Support and fielding are mandatory in order for the Army to meet DA prioritized fielding schedules and Global Command and Control System - Joint (GCCS-J) milestones.</p> <p>The FY2008 base program includes an increase of \$.400 million for Grow the Army requirements. This increase will be used to fund for training due to additional soldiers and operators in a new division or new deployment.</p>											

Exhibit P-40, Budget Item Justification Sheet		Date: February 2007
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment		P-1 Item Nomenclature ARMY GLOBAL CMD & CONTROL SYS (AGCCS) (BA8250)
Program Elements for Code B Items:	Code:	Other Related Program Elements:
<p>FY2008 Base Appropriation: \$25.512 Million</p> <p>FY2008 Grow the Army: \$.400 Million</p> <p>FY2008 Total: \$25.912 Million</p>		

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment			P-1 Line Item Nomenclature: ARMY GLOBAL CMD & CONTROL SYS (AGCCS) (BA8250)			Weapon System Type:			Date: February 2007		
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Base													
Theater Server Racks		6772	13	521									
Remote Server Racks		244	19	13	120	2	60	183	3	61	83	1	83
Enterprise Server													
LAN/WAN Servers													
Router Servers													
APM Servers													
Workstations/Laptops		941	188	6	3579	1010	4	569	148	4	82	18	5
Future Systems											4346		
Deployables (APM Servers)													
Deployable Servers		1450	50	29									
Deployable Suites					1366	27	51	3380	62	55	1247	24	52
Deployables (Workstations/Laptops)													
Bill of Material (BOM)		250			256			261			267		
Software Licenses		1112			3874			3325			2271		
Software Support		6333			6283			5764			6452		
Fielding Support		3710			4395			5723			5546		
Deployable Support													
PMO Support		1574			1926			1985			2013		
GCCS-A Training		2473			3269			4234			4199		
Central Tech Support Facility (CTSF)		80			84			88			93		
Grow the Army													
Training								400					
Total:		24939			25152			25912			26599		

Exhibit P-5a, Budget Procurement History and Planning									Date: February 2007		
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: ARMY GLOBAL CMD & CONTROL SYS (AGCCS) (BA8250)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Base											
Theater Server Racks											
FY 2006	ESP	Eatontown, NJ	IDIQ	ITEC4, Washington, DC	Feb 06	Jun 06	13	521	YES		
Remote Server Racks											
FY 2006	ESP	Eatontown, NJ	IDIQ	ITEC4, Washington, DC	Feb 06	Jun 06	19	13	YES		
FY 2007	ESP	Eatontown, NJ	IDIQ	ITEC4, Washington, DC	Feb 07	Jun 07	2	60	YES		
FY 2008	ESP	Eatontown, NJ	IDIQ	Fort Monmouth, NJ	Feb 08	Jun 08	3	61	YES		
FY 2009	ESP	Eatontown, NJ	IDIQ	Fort Monmouth, NJ	Feb 09	Jun 09	1	83	YES		
Workstations/Laptops											
FY 2006	ESP	Eatontown, NJ	IDIQ	ITEC4, Washington, DC	Feb 06	Jun 06	188	6	YES		
FY 2007	ESP	Eatontown, NJ	IDIQ	ITEC4, Washington, DC	Feb 07	Jun 07	1010	4	YES		
FY 2008	ESP	Eatontown, NJ	IDIQ	Fort Monmouth, NJ	Feb 08	Jun 08	148	4	YES		
FY 2009	ESP	Eatontown, NJ	IDIQ	Fort Monmouth, NJ	Feb 09	Jun 09	18	5	YES		
Deployable Servers											
FY 2006	ESP	Eatontown, NJ	IDIQ	ITEC4, Washington, DC	Feb 06	Jun 06	50	29	YES		
FY 2007	ESP	Eatontown, NJ	IDIQ	ITEC4, Washington, DC	Feb 07	Jun 07			YES		
FY 2008	ESP	Eatontown, NJ	IDIQ	Fort Monmouth, NJ	Feb 08	Jun 08			YES		
FY 2009	ESP	Eatontown, NJ	IDIQ	Fort Monmouth, NJ	Feb 09	Jun 09			YES		
Grow the Army											
Training											
FY 2008	ESP		T&M	Fort Monmouth, NJ	Oct 07	Sep 08			Yes		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007		
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: ARMY GLOBAL CMD & CONTROL SYS (AGCCS) (BA8250)							
WBS Cost Elements:		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
		Eatontown, NJ										
REMARKS:												

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 2 / Communications and Electronics Equipment</small>						P-1 Item Nomenclature <small>ARMY DATA DISTRIBUTION SYSTEM (DATA RADIO) (BU1400)</small>					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	1045.8	86.3	4.9	9.5	15.7	11.6	11.7				1185.4
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	1045.8	86.3	4.9	9.5	15.7	11.6	11.7				1185.4
Initial Spares	15.4										15.4
Total Proc Cost	1061.2	86.3	4.9	9.5	15.7	11.6	11.7				1200.8
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The Army Data Distribution System (ADDS) is a Command, Control, Communication and Intelligence (C3I) program consisting of the Enhanced Position Location Reporting System (EPLRS) and the Near Term Digital Radio (NTDR). EPLRS, the predominant ADDS product line, is a critical mobile wireless data communications backbone for the Army's Tactical Internet. EPLRS provides embedded situational awareness / position navigation. EPLRS mobile networks are used by Army Battle Command System(s) (ABCS) and Force XXI Battle Command Brigade and Below (FBCB2) host computers for situational awareness and command and control. It has been designed specifically to meet the data communication requirements of the Army Battlefield Command System (ABCS) and sensor systems. EPLRS includes the EPLRS Network Manager (ENM). NTDR is the primary data communications network between Brigade and Battalion Tactical Operation Centers (TOCs). The Army acquisition Objective (AAO) for the ADDS is 33,396. The Army Procurement Objective (APO) is 13,179.</p> <p>Justification: FY08 Base dollars fund sustainment support for NTDR Tactical Operations Center (TOC) radios fielded to the Stryker Brigade Combat Teams and III Corps Troops; and fund Project Management, Crypto-Modernization and the Global war on Terroism (GWOT) Field Service Representative (FSR) increased costs for EPLRS.</p> <p>The FY08 base program includes an increase of \$1.598 million for the Grow the Army requirements. This increase will be used to procure 34 EPLRS for the Air Defense Artillery (ADA) Adam Cells to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces and enhancing military capabilities.</p> <p>FY2008 Base Appropriation: \$7,893,000 FY2008 Grow the Army: \$1,598,000 FY2008 Total: \$9,491,000</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: ARMY DATA DISTRIBUTION SYSTEM (DATA RADIO) (BU1400)			Weapon System Type:		Date: February 2007		
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Base (EPLRS)													
*													
EPLRS User Unit Radio Set Hardware (1)													
Net Control Station EPLRS Downsized NCS-													
EPLRS User Unit Receiver Transmitter		28650	1454	19.704									
EPLRS Network Manager (ENM) (2)		1937	72	26.903									
EPLRS Retrofit Kits													
Other Hardware (3)		7694											
Government Engineering		3512			1354			1237			1283		
Integration/ Upgrades		22461						1310			5035		
Life Cycle Software Engineering		1457											
Project Management Administration		2082			860			596			618		
Data													
Total Package Fielding		14957			356			3250			6679		
Tactical Operations Center Data Radio		3512			2300			1500			2100		

Base Total		86262			4870			7893			15715		

Grow the Army (EPLRS)													

EPLRS User Unit RT								1115	34	32.780			
Other Hardware								383					
Total Package Fielding								100					

Grow the Army Total								1598					

(1) EPUU Radio Set consists of: EPLRS													
User Unit Receiver Transmitter, User													
Readout Device, Install Kit, Pwr Adapter													

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: ARMY DATA DISTRIBUTION SYSTEM (DATA RADIO) (BU1400)				Weapon System Type:		Date: February 2007		
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
(2) ENM unit costs are driven by unique platform design and accessory equipment. The total ENM cost including Government Furnished Equipment is \$300 thousand. ***													
Total:		86262			4870			9491			15715		

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: February 2007</div> </div>											
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: ARMY DATA DISTRIBUTION SYSTEM (DATA RADIO) (BU1400)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
(EPLRS)											
FY 2006	Raytheon Systems Co II Forest, MS		SS/FFP	CECOM	Mar 06	Feb 07	867	19.704	Yes		Oct-05
FY 2006	Raytheon Systems Co II Forest, MS		SS/FFP	CECOM	Jul 06	Oct 07	587	19.704	Yes		Oct-05
Grow the Army (EPLRS)											
FY 2008	Raytheon Systems Co II Forest, MS		SS/FFP	CECOM	Jan 08	Dec 08	34	32.780	Yes		Apr 07
REMARKS:											

<div> <div>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</div> <div> P-1 ITEM NOMENCLATURE ARMY DATA DISTRIBUTION SYSTEM (DATA RADIO) (BU1400) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06														Calendar Year 07														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
EPLRS User Unit Receiver Transmitter																																		
1	FY 06	A	867	0	867						A											27	40	200	200	200	200			0				
1	FY 06	A	587	0	587									A															587					
1	FY 06	AF	84	0	84			A													20	40	24						0					
1	FY 06	AF	124	0	124							A															3	30	91					
1	FY 06	AF	13	0	13								A																13					
1	FY 06	MC	62	0	62			A													20	20	22						0					
1	FY 06	MC	191	0	191							A															90	97	4					
1	FY 06	MC	778	0	778								A																778					
1	FY 06	NA	14	0	14			A													5	5	4						0					
1	FY 06	NA	110	0	110							A																83	27					
1	FY 06	NA	152	0	152								A														22	10	120					
1	FY 06	OTH	26	0	26			A													6	10	10						0					
1	FY 06	OTH	61	0	61							A																	61					
1	FY 06	OTH	38	0	38									A													38		0					
1	FY 06	OTH	56	0	56								A																56					
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached	MFR	ADMIN LEAD TIME		MFR	TOTAL		REMARKS																		
						MIN	1-8-5	MAX	D+	1	Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct																				
1	Raytheon Systems Co II, Forest, MS					65	200	253			Initial	0	5	11	16	NA- Navy ANG- Air Force National Guard OTH- Other PM Funded Radio NG- Army National Guard A- Army MC- Marine Corps AF- Air Force																		
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

FY 08 / 09 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE ARMY DATA DISTRIBUTION SYSTEM (DATA RADIO) (BU1400)										Date: February 2007												
COST ELEMENTS						Fiscal Year 08										Fiscal Year 09										Later						
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08										Calendar Year 09																
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P		
EPLRS User Unit Receiver Transmitter																																
1	FY 06	A	867	867																												0
1	FY 06	A	587	0	587	87	150	150	100	50	50																					0
1	FY 06	AF	84	84																												0
1	FY 06	AF	124	33	91	30	30	31																								0
1	FY 06	AF	13	0	13									13																		0
1	FY 06	MC	62	62																												0
1	FY 06	MC	191	187	4	4																										0
1	FY 06	MC	778	0	778					100	150	150	178	100	100																	0
1	FY 06	NA	14	14																												0
1	FY 06	NA	110	83	27	27																										0
1	FY 06	NA	152	32	120	10	10	10	10	10	10	10	20	30																		0
1	FY 06	OTH	26	26																												0
1	FY 06	OTH	61	0	61	20	20	21																								0
1	FY 06	OTH	38	38																												0
1	FY 06	OTH	56	0	56									56																		0
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
M F R	Name - Location					PRODUCTION RATES			Reached	MFR			ADMIN LEAD TIME		MFR	TOTAL	REMARKS															
						MIN	1-8-5	MAX	D+	1	Initial	Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct																	
1	Raytheon Systems Co II, Forest, MS					65	200	253			Reorder	0	5	11	16		MinNA- Navy ANG- Air Force National Guard OTH- Other PM Funded Radios NG- Army National Guard A- Army MC- Marine Corps AF- Air Force Minimum production rate will be reached in Dec FY08 by FY07 Supplemental not captured here.															
											Initial																					
											Reorder																					
											Initial																					
											Reorder																					
											Initial																					
											Reorder																					
											Initial																					
											Reorder																					

Exhibit P-40, Budget Item Justification Sheet										Date: February 2007	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Radio Terminal Set, MIDS LVT(2) (B22603)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	8.9	3.1	3.2	32.0	3.0	1.1	1.1	1.1	1.1		54.7
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	8.9	3.1	3.2	32.0	3.0	1.1	1.1	1.1	1.1		54.7
Initial Spares											
Total Proc Cost	8.9	3.1	3.2	32.0	3.0	1.1	1.1	1.1	1.1		54.7
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The Multifunctional Information Distribution System Low Volume Terminal (MIDS LVT) is a subsystem of a tactical platform's (eg: PATRIOT) communication system, which enables the platform to exchange tactical digital information with other platforms equipped with a MIDS terminal or Joint Tactical Information Distribution System (JTIDS) Class 2 terminal. The MIDS LVT provides tactical digital information exchange among fighter aircraft, airborne command and control, Ground Air Defense and shipboard platforms. The Army variant, MIDS LVT(2), operates in a Time Division Multiple Access (TDMA) mode. It consists of three Line Replaceable Units (LRUs) (Main Terminal, Power Supply Assembly and Cooling Unit) mounted on a mounting plate which will fit into an existing JTIDS Class 2M mount making the MIDS LVT(2) and JTIDS Class 2M terminals physically and functionally interchangeable.</p> <p>Justification: FY08 and FY09 procure system project management and software support for the MIDS LVT(2) terminals for various platforms including Phased Array Tracking to Intercept of Target (PATRIOT), Theater High Altitude Air Defense (THAAD), Joint Range Extension (JRE), Surface Launched Advanced Medium Range Air to Air Missile (SLAMRAM), Air Defense Artillery Management Cell (ADAM Cell), Medium Extended Air Defense System (MEADS), Forward Area Air Defense (FAAD), Joint Tactical Ground Station (JTAGS) and Air Missile Defense Command and Control System (AMDCCS).</p> <p>The FY08 base program includes an increase of \$28.995 million for Grow the Army requirements. This increase will be used to des procure MIDS LVT(2) terminals for AMDCCS to outfit the ADAM Cells and MEADS.</p> <p>FY2008 Base Appropriation: \$3.021 million FY2008 Grow the Army: \$28.995 million FY2008 Total: \$32.016 million</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment			P-1 Line Item Nomenclature: Radio Terminal Set, MIDS LVT(2) (B22603)			Weapon System Type:		Date: February 2007			
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
MIDS Base													
*													
Program Management Support		954			1261			1270			1300		
Software Support		148			1805			1751			1727		
Test		1968			150								
*													
MIDS Base Subtotal		3070			3216			3021			3027		
*													
MIDS Grow the Army													
*													
Hardware - ViaSat (1)								28995	115	252			
*													
MIDS Grow the Army Subtotal								28995					
*													
(1) The MIDS LVT(2) hardware includes the Main Terminal LRU, Mounting Base LRU Cooling Unit LRU, Power Supply Assembly LRU, Army Interconnect Cables and a 4 year (no associated hours) warranty.													
Total:		3070			3216			32016			3027		

Exhibit P-5a, Budget Procurement History and Planning											Date: February 2007		
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment				Weapon System Type:		P-1 Line Item Nomenclature: Radio Terminal Set, MIDS LVT(2) (B22603)							
WBS Cost Elements:		Contractor and Location			Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
MIDS Grow the Army FY 2008		VIASAT Carlsbad, California			FFP/Comp	SPAWAR	Jun 08	Jun 09	115	252	Yes		Mar 08
REMARKS: The current contract is in effect through FY09.													

FY 10 / 11 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE Radio Terminal Set, MIDS LVT(2) (B22603)										Date: February 2007										
COST ELEMENTS						Fiscal Year 10										Fiscal Year 11										Later				
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 10										Calendar Year 11											
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P
Hardware - ViaSat (1)																														
1	FY 08	A	115	40	75	10	10	10	10	10	10	10	5																	0
Total			115	40	75	10	10	10	10	10	10	10	5																	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS														
						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																	
1	VIASAT, Carlsbad, California					10	30	36				0	6	12	18															
												Initial																		
												Reorder																		
												Initial																		
												Reorder																		
												Initial																		
												Reorder																		
												Initial																		
												Reorder																		
												Initial																		
												Reorder																		

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature SINGGARS FAMILY (BW0006)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	4655.6	784.9	188.9	147.6	102.3	31.9	2.4	0.4	0.5	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	4655.6	784.9	188.9	147.6	102.3	31.9	2.4	0.4	0.5	Continuing	Continuing
Initial Spares	15.0										15.0
Total Proc Cost	4670.6	784.9	188.9	147.6	102.3	31.9	2.4	0.4	0.5	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: The Single Channel Ground and Airborne Radio System (SINGGARS) VHF-FM Radio Communications System provides the primary means of command and control for combat/combat support/combat service support units. The SINGGARS radio provides state-of-the-art communications in manpack, vehicle, and airborne configurations. Its Frequency-Hopping and jam resistant capabilities offset current threat jamming techniques. SINGGARS continues its evolutionary development with the fielding of the Advanced SINGGARS System Improvement Program (ASIP) radio. The SINGGARS ASIP radio provides for enhanced data and voice communications while using commercial Internet Protocols. The SINGGARS radio is an essential component of the Tactical Internet enabling commanders to conduct operations on the digitized battlefield. The family of SINGGARS radios is employed on such systems as the Bradley M2A3, PATRIOT, ABRAMS M1A2SEP, and the Longbow Apache.</p> <p>Justification: FY08 base and FY09 will procure radios for MTOE shortages and Modularity increases; field ground ASIP radios for high priority National Guard units; and support a SINGGARS radio in all Combat Service / Combat Service Support tactical wheel vehicles.</p> <p>The FY08 base program includes and increase of \$10.563 million for Grow the Army requirements. This increase will be used to procure radios and associated equipment for new Army combat formations.</p> <p>FY2008 Base Appropriation: \$137.080 million FY2008 Grow The Army: \$10.563 million FY2008 Total: \$147.643 million</p>											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature SINGGARS - GROUND (B00500)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	3845.7	784.9	188.9	147.6	102.3	31.9	2.4	0.4	0.5	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	3845.7	784.9	188.9	147.6	102.3	31.9	2.4	0.4	0.5	Continuing	Continuing
Initial Spares	15.0										15.0
Total Proc Cost	3860.8	784.9	188.9	147.6	102.3	31.9	2.4	0.4	0.5	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: The Single Channel Ground and Airborne Radio System (SINGGARS) VHF-FM Radio Communications System provides the primary means of command and control for combat/combat support/combat service support units. The SINGGARS radio provides state-of-the-art communications in man pack, vehicle, and airborne configurations. Its Frequency-Hopping and jam resistant capabilities offset current threat jamming techniques. SINGGARS continues its evolutionary development with the fielding of the Advanced SINGGARS System Improvement Program (ASIP) radio. The SINGGARS ASIP radio provides for enhanced data and voice communications while using commercial Internet Protocols. The SINGGARS radio is an essential component of the Tactical Internet enabling commanders to conduct operations on the digitized battlefield. The family of SINGGARS radios is employed on such systems as the Bradley M2A3, PATRIOT, ABRAMS M1A2SEP, and the Longbow Apache.</p> <p>Justification: FY08 base and FY09 will procure radios for MTOE shortages and Modularity increases; field ground ASIP radios for high priority National Guard units; and support a SINGGARS radio in all Combat Service / Combat Service Support tactical wheel vehicles.</p> <p>The FY08 base program includes and increase of \$10.563 million for Grow the Army requirements. This increase will be used to procure radios and associated equipment for new Army combat formations.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: SINGGARS - GROUND (B00500)				Weapon System Type:		Date: February 2007	
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
BASE													
HARDWARE- GD	A												
HARDWARE - ITT BASE (1)	A	612688	93118	7	70340	10117	7	82609	8550	10	63733	6375	10
CONTRACTOR ENG'G SUPPORT		41100			25508			3897			3897		
GOVERNMENT ENGINEERING		971			4024			1272			1272		
PROJECT MANAGEMENT ADMIN		1357			13538			7864			5864		
SYSTEMS ENG. AND INTEGRATION													
OTHER HARDWARE		43524			16916			28650			19524		
SINGGARS Test Set (GRM-122)		46097	595	77	421								
FREQUENCY HOPPING MULTIPLEXER (FHMUX)		33226	420	79	23669	300	79						
ECP's													
DATA													
TEST		988			450			190			200		
HARRIS VEHICULAR ADAPTER AMPLIFIER													
FIELDING													
TOTAL PACKAGE FIELDING		4989			34047			12598			7797		
BASE SUBTOTAL		784940			188913			137080			102287		
*													
GROW THE ARMY													
HARDWARE - ITT (Grow the Army)	A							6186	806	8			
OTHER HARDWARE (Grow the Army)								3408					
TEST SET (GRM-122) (Grow the Army)								163	1	163			
TOTAL PACKAGE FIELDING (Grow the Army)								806					
GROW THE ARMY SUBTOTAL								10563					
(1) Hardware costs include the SINGGARS receiver transmitter, vehicular amplfier adapter and power amplifier.													
Total:		784940			188913			147643			102287		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: SINCGARS - GROUND (B00500)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
HARDWARE - ITT BASE (1)											
FY 2006	ITT Ft. Wayne, IN		C/FP	CECOM	Feb 06	May 07	60000	7	Y		Mar 04
FY 2006	ITT Ft. Wayne, IN		C/FP	CECOM	Aug 06	Apr 08	26000	7	Y		Mar 04
FY 2006	ITT Ft. Wayne, IN		C/FP	CECOM	Sep 06	Sep 08	718	7	Y		Mar 04
FY 2006	ITT Ft. Wayne, IN		C/FP	CECOM	Oct 06	Sep 08	6400	7	y		Mar 04
FY 2007	ITT Ft. Wayne, IN		C/FP	CECOM	Sep 06	Oct 08	2500	7	Y		Mar 04
FY 2007	ITT Ft. Wayne, IN		C/FP	CECOM	Nov 06	Oct 08	7617	7	Y		Mar 04
FY 2008	ITT Ft. Wayne, IN		C/FP	CECOM	Jan 08	Jan 09	8550	10	Y		Mar 04
FY 2009	ITT Ft. Wayne, IN		C/FP	CECOM	Jan 09	Aug 09	6375	10	Y		Mar 04
HARDWARE - ITT (Grow the Army)											
FY 2008	ITT Ft. Wayne, IN		C/FP	CECOM	Feb 08	Feb 09	806	8	Y		Mar 04
REMARKS:											

FY 06 / 07 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE SINGARS - GROUND (B00500)										Date: February 2007										
COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06														Calendar Year 07														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
HARDWARE - ITT BASE (1)																																		
1	FY 05	A	2400	2400																									0					
1	FY 05	A	85	85																									0					
1	FY 05	A	508	508																									0					
1	FY 05	A	258	258																									0					
1	FY 05	A	71050	0	71050					191	1247	4121	5933	4019	4550	7442	5008	8603	2712	5041	6213	4237	5214	5470	1049				0					
1	FY 05	A	20000	5010	14990	2800	3611	1602	4464	2513																			0					
1	FY 06	A	60000	0	60000					A															2691	5500	5500	5496	5500	35313				
1	FY 06	A	26000	0	26000										A														26000					
1	FY 06	A	718	0	718											A													718					
1	FY 06	A	6400	0	6400												A												6400					
1	FY 06	A	30	0	30						A												30						0					
1	FY 06	A	10	0	10											A											10		0					
1	FY 07	A	2500	0	2500												A												2500					
1	FY 07	A	7617	0	7617														A										7617					
1	FY 08	A	8550	0	8550																								8550					
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES				Reached D+	MFR			ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS Note: 17,636 additional Receiver Transmitters (RTs) have been delivered by ITT prior to October 2005. In accordance with the contract terms that encourage the Prime Contractor to make more rapid system deliveries if possible, the SINGARS Prime Contractor (ITT) has been and continues to deliver RTs at an accelerated pace; significantly exceeding negotiated monthly delivery schedules on all contract awards. This P-Form has been adjusted to accurately depict prior system deliveries vice just the negotiated/planned delivery schedule.																
					MIN	1-8-5	MAX	Prior 1 Oct				After 1 Oct																						
1	ITT, Ft. Wayne, IN					160	5500	10000			1	Initial	2	6	12	18																		
2	Harris, Rochester, NY					100	800	1000			2	Initial	1	1	5	6																		
												Reorder	1	1	6	7																		
												Initial																						
												Reorder																						
												Initial																						
												Reorder																						
												Initial																						
												Reorder																						

FY 06 / 07 BUDGET PRODUCTION SCHEDULE												P-1 ITEM NOMENCLATURE SINCGARS - GROUND (B00500)										Date: February 2007									
COST ELEMENTS						Fiscal Year 06												Fiscal Year 07												Later	
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06												Calendar Year 07													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
1	FY 09	A	6375	0	6375																								6375		
1	FY 05	MC	2621	800	1821	200	200	200	200	300	342	379																	0		
1	FY 06	MC	509	0	509						A	50	25	31			54	50	50	50	50								149		
1	FY 05	NA	156	0	156																								156		
1	FY 05	NA	0	0																									0		
1	FY 06	NA	4	0	4										A												4		0		
1	FY 04	NG	460	0	460							50	50	50	50	50	50	160											0		
1	FY 04	NG	1164	1164																									0		
1	FY 04	NG	4153	4153																									0		
1	FY 05	NG	41	41																									0		
1	FY 05	NG	2620	0	2620							220	220	220	220	220	220	220	220	220	220	220	200						0		
1	FY 05	NG	325	0	325							50	50	50	50	50	50	25											0		
1	FY 05	NG	1516	0	1516							130	130	130	130	130	130	130	130	130	130	130	86						0		
1	FY 05	NG	359	0	359														200	159									0		
1	FY 06	NG	1760	0	1760						A													1760					0		
HARRIS VEHICULAR ADAPTER AMPLIFIER																															
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
M F R	Name - Location							PRODUCTION RATES			Reached D+	MFR			ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS Note: 17,636 additional Receiver Transmitters (RTs) have been delivered by ITT prior to October 2005. In accordance with the contract terms that encourage the Prime Contractor to make more rapid system deliveries if possible, the SINCGARS Prime Contractor (ITT) has been and continues to deliver RTs at an accelerated pace; significantly exceeding negotiated monthly delivery schedules on all contract awards. This P-Form has been adjusted to accurately depict prior system deliveries vice just the negotiated/planned delivery schedule.												
							MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct																		
1	ITT, Ft. Wayne, IN							160	5500	10000	1	Initial	2	6	12	18															
												Reorder	2	6	12	18															
2	Harris, Rochester, NY							100	800	1000	2	Initial	1	1	5	6															
												Reorder	1	1	6	7															
												Initial																			
												Reorder																			
												Initial																			
												Reorder																			
												Initial																			
												Reorder																			

<div> <div>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</div> <div> P-1 ITEM NOMENCLATURE SINGGARS - GROUND (B00500) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
HARDWARE - ITT BASE (1)																																		
1	FY 05	A	2400	2400																							0							
1	FY 05	A	85	85																							0							
1	FY 05	A	508	508																							0							
1	FY 05	A	258	258																							0							
1	FY 05	A	71050	71050																							0							
1	FY 05	A	20000	20000																							0							
1	FY 06	A	60000	24687	35313	5500	5500	5500	5351	5500	5500	2462															0							
1	FY 06	A	26000	0	26000							2882	5500	5500	5500	5500	1118										0							
1	FY 06	A	718	0	718											718											0							
1	FY 06	A	6400	0	6400											3664	2736										0							
1	FY 06	A	30	30																							0							
1	FY 06	A	10	10																							0							
1	FY 07	A	2500	0	2500												2500										0							
1	FY 07	A	7617	0	7617												264	3000	3000	1353							0							
1	FY 08	A	8550	0	8550				A											1647	1903	1000	1000	1000	1000	1000	0							
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached	MFR			ADMIN LEAD TIME		MFR	TOTAL	REMARKS																	
						MIN	1-8-5	MAX	D+	1	Initial	Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct																			
1	ITT, Ft. Wayne, IN					160	5500	10000		1	Reorder	2	6	12	18																			
2	Harris, Rochester, NY					100	800	1000		2	Initial	1	1	5	6																			
											Reorder	1	1	6	7																			
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

FY 08 / 09 BUDGET PRODUCTION SCHEDULE															P-1 ITEM NOMENCLATURE SINGARS - GROUND (B00500)										Date: February 2007					
COST ELEMENTS						Fiscal Year 08										Fiscal Year 09										Later				
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08										Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P
1	FY 09	A	6375	0	6375																A							3000	3375	0
1	FY 05	MC	2621	2621																										0
1	FY 06	MC	509	360	149				149																					0
1	FY 05	NA	156	0	156							156																		0
1	FY 05	NA	0	0																										0
1	FY 06	NA	4	4																										0
1	FY 04	NG	460	460																										0
1	FY 04	NG	1164	1164																										0
1	FY 04	NG	4153	4153																										0
1	FY 05	NG	41	41																										0
1	FY 05	NG	2620	2620																										0
1	FY 05	NG	325	325																										0
1	FY 05	NG	1516	1516																										0
1	FY 05	NG	359	359																										0
1	FY 06	NG	1760	1760																										0
HARRIS VEHICULAR ADAPTER AMPLIFIER						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS															
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																		
1	ITT, Ft. Wayne, IN					160	5500	10000		1	Initial	2	6	12	18															
										Reorder	2	6	12	18																
2	Harris, Rochester, NY					100	800	1000		2	Initial	1	1	5	6															
										Reorder	1	1	6	7																
										Initial																				
										Reorder																				
										Initial																				
										Reorder																				

<div> <div>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</div> <div> P-1 ITEM NOMENCLATURE SINGARS - GROUND (B00500) </div> <div> Date: February 2007 </div> </div>																																
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
2	FY 05	A	2652	2652																								0				
HARDWARE - ITT (Grow the Army)																																
1	FY 08	A	806	0	806					A											806							0				
Total			231647	137063	94584	5500	5500	5500	5500	5500	5500	5500	5500	5500	5500	5500	3000	3000	3000	2709	1000	1000	1000	1000	1000	3000	3375					
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct			
1	ITT, Ft. Wayne, IN	160	5500	10000		1	Initial	2	6	12	18	
							Reorder	2	6	12	18	
2	Harris, Rochester, NY	100	800	1000		2	Initial	1	1	5	6	
							Reorder	1	1	6	7	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature BRIDGE TO FUTURE NETWORKS (BB1500)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	2126.9	868.5	347.9	499.1	353.0	654.2	855.3	644.9	553.4		6903.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	2126.9	868.5	347.9	499.1	353.0	654.2	855.3	644.9	553.4		6903.3
Initial Spares											
Total Proc Cost	2126.9	868.5	347.9	499.1	353.0	654.2	855.3	644.9	553.4		6903.3
Flyaway U/C											
Weapon System Proc U/C											

Description:
The Bridge to Future Networks comprises two components: Area Common User System Modernization, and Joint Network Node & Network.

The ACUS Mod Program executes the strategy defined by the Bridge to Future Networks Capabilities Production Document (BFN-CPD), which outlines ongoing and planned modifications, upgrades, and recapitalization of the Mobile Subscriber Equipment (MSE) and Tri-TAC systems as the Army's intermediate-term solution. The ACUS Mod Program also supports the Army's Transformation/Modularity initiatives by developing, procuring, and fielding new technologies and selected upgrades into the Army's Stryker Brigade Combat Teams (SBCTs), designated UEx/UEy service components, and Modularity units.

The JNN-N communications nodes are part of the Army's effort to achieve the Chief of Staff's goal for Army Transformation to realize a Joint Network Transport Capability, replaces elements of the Mobile Subscriber Equipment (MSE) Systems that are currently being used to conduct missions in support of Operation Enduring Freedom/Operation Iraqi Freedom (OEF/OIF). It consists of communications nodes at the Units of Employment (UEx), brigade and battalion level, and is a dynamic and rapidly-deployable, early-entry communications system.

As a Bridge to Future Networks (BFN), these systems provide the tactical user an interface to strategic data networks, and Commercial, Joint, Combined, and Coalition communications systems across multiple security levels. The BFN provides a smaller logistical footprint and utilizes commercial Ku satellite (as well as future Ka Systems upgrades). It provides for more rapid set-up and Beyond Line Of Sight communication capabilities.

Justification:
FY08: ACUS Mod will fund two Integrated Theater Signal Battalions (ITSB's) and continue to provide sustainment and technical support for various fielded ACUS MOD systems. JNN procures 1 Hubs, 16 JNNs and 71 Battalion Command Post Nodes (BnCPN's).
FY09: ACUS Mod will fund one Integrated Theater Signal Battalions (ITSB's) and continue to provide sustainment and technical support for various fielded ACUS MOD systems. JNN procures 20 JNNs and 60 Battalion Command Post Nodes (BnCPN's).

The FY08 base program includes an increase of \$65.562 million for Grow the Army requirements. This increase will be used to procure 8 JNN's, 23 BnCPN's, 8 BVTC/BITS suites, 16 AN/TRC-

Exhibit P-40, Budget Item Justification Sheet		Date: February 2007
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment		P-1 Item Nomenclature BRIDGE TO FUTURE NETWORKS (BB1500)
Program Elements for Code B Items:	Code:	Other Related Program Elements:
<p>190(V)1's, and 8 AN/TRC-190 (V)3's.</p> <p>FY 2008 Base Appropriation: \$433.536 FY 2008 Grow the Army: \$65.562 FY 2008 Total: \$499.098</p>		

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment			P-1 Line Item Nomenclature: BRIDGE TO FUTURE NETWORKS (BB1500)			Weapon System Type:		Date: February 2007			
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Base Appropriation													
ACUS Mods		187342			121019			120900			86509		
Joint Network Node		681200			226859			312636			266443		
Subtotal		868542			347878			433536			352952		
Grow the Army													
ACUS Mods								5852					
Joint Network Node								59710					
Subtotal								65562					
Total:		868542			347878			499098			352952		

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature ACUS MOD PROGRAM (BB1600)					
Program Elements for Code B Items:			Code: A		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	1382.6	187.3	121.0	126.8	86.5	92.8	128.1	104.5	153.7	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	1382.6	187.3	121.0	126.8	86.5	92.8	128.1	104.5	153.7	Continuing	Continuing
Initial Spares											
Total Proc Cost	1382.6	187.3	121.0	126.8	86.5	92.8	128.1	104.5	153.7	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: The ACUS Mod Program provides ongoing and planned modifications, upgrades, and recapitalization of the Mobile Subscriber Equipment (MSE) and Tri-TAC systems as the Army's intermediate-term solution. The ACUS Mod Program also supports the Army's Transformation/Modularity initiatives by developing, procuring, and fielding new technologies and selected upgrades into the Army's Stryker Brigade Combat Teams (SBCTs), and Modularity units.</p> <p>As a part of the Bridge to Future Networks (BFN), ACUS Mod systems provide enhanced long-haul data communications bandwidth and increased throughput to the Brigade Tactical Operations Center (TOC) via the 8Mbps/Tactical High Speed Data Network (THSDN) technology which uses a combination of tactical (circuit cards) and commercial (routers) equipment, and the AN/GRC-245 High Capacity Line-of-Sight Radio (HCLOS) which is the next-generation line-of-sight radio which replaces the AN/GRC-226 radios in the AN/TRC-190 family of transmission assemblages.</p> <p>ACUS Mod provides an increased transmission capability between data switches for the digitized battlefield. Equipment fielded in support of this requirement include the Network Operations Center-Vehicle (NOC-V), a tactical shelterized vehicle that provides an integrated means to plan, manage, monitor, control, protect, and support Tactical Operations Center (TOC) Local Area Network (LAN) and Tactical Internet (TI) communications. The NOC-V also provides phone (voice over IP) connectivity within the TOC and to other combat units when connected to a Brigade Subscriber Node (BSN). The Brigade Subscriber Node (BSN), also a tactical shelterized vehicle is an integrated switching/transmission shelter providing voice/data/video capabilities for the Stryker Brigade Combat Teams (SBCTs). Additional ACUS Mod battlefield technologies include the Battlefield Video Teleconferencing (BVTC), which provides internetworking of video terminals, and the AN/TTC-58(V) Baseband Node (BBN), which is a technology insertion effort for Joint Task Force (JTF)/Joint Forces Land Component Commander and Staff (JFLCC) and will provide for downsized Large Extension Node (LEN) data capability. Other ACUS Mod equipment includes the Single Shelter Switch (AN/TTC-56), the Secure Wireless LAN (SWLAN), and the High Mobility DGM Assemblage (HMDA), which provides 25 miles line-of-sight transmission and 12 miles of fiber optic range in conjunction with several radio terminals and repeaters.</p>											
<p>Justification: FY08 and FY09 procures a total of six AN/TTC-56(V)3 shelter upgrades and support equipment consisting of High Capacity Line of Sight Radio upgrades and Troposcatter Radio upgrades for an equivalent of three Integrated Theater Signal Battalions. ACUS MOD also will procure Non-ITSB JNN required equipment consisting of High Capacity Line of Sight Radio upgrades and Battlefield VideoTeleConfering hardware.</p> <p>During FY08 and FY09, ACUS MOD continues efforts to field Integrated Theater Signal Battalions (ITSBs), which are comprised of specific architectures of Baseband Nodes (BBNs), Single</p>											

Exhibit P-40, Budget Item Justification Sheet		Date: February 2007
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment		P-1 Item Nomenclature ACUS MOD PROGRAM (BB1600)
Program Elements for Code B Items:	Code: A	Other Related Program Elements:
<p>Shelter Switches (SSS), High Speed HMDAs, and Troposcatter Radios.</p> <p>The FY08 base program includes an increase of \$5.852 million for Grow the Army requirements. This increase will be used to procure 8 BVTC/BITS suites, 16 AN/TRC-190(V)1, and 8 AN/TRC-190 (V3).</p>		

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: ACUS MOD PROGRAM (BB1600)			Weapon System Type:		Date: February 2007			
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Base Appropriation													
Equipment		100616			33474			35150			18450		
NREngrg		1200			3000								
Engrg Change (ECO's)													
Training/Fielding		9185			5010			5260			6550		
Init Spares (ISRP)		13152			2480			2600			1365		
Installation		9079			1400			1500			800		
Software		6200			3300			3530			3170		
Data		2500			1600			1000			1000		
Project Management		4323			9250			15250			16015		
Engrg Support		22925			19500			10810			13939		
Legacy System Support		18162			22090			11010			9600		
Modifications/tech refresh					13980			28250			10950		
Other					5935			6530			4670		
Grow the Army													
Other Equipment								5852					
Total:		187342			121019			126742			86509		

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: February 2007</div> </div>											
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: ACUS MOD PROGRAM (BB1600)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Base Appropriation FY 2008 FY 2009	TBS-AN/TTC-56(V)3 TBS TBS-AN/TTC-56(V)3 TBS		COMP/FP COMP/FP	TBS TBS	Sep 08 Oct 08	Feb 09 Mar 09	4 2		Y Y		Mar 07 Mar 07
REMARKS:											

<div> <div>FY 05 / 06 BUDGET PRODUCTION SCHEDULE</div> <div> P-1 ITEM NOMENCLATURE ACUS MOD PROGRAM (BB1600) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 05														Fiscal Year 06														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 05														Calendar Year 06														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Base Appropriation																																		
1	FY 08	A	4	0	4												A						4						0					
2	FY 09	A	2	0	2													A					2						0					
Total			6		6																		4	2										
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
1	General Dyanmics-ITSB, Taunton, Mass					1	5	5		1	Initial	0	1	8	9																			
										2	Reorder	0	1	5	6																			
2	TBS-AN/TTC-56(V)3, TBS					1	5	5		2	Initial	0	1	18	19																			
											Reorder	0	1	5	6																			
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature JOINT NETWORK NODE (JNN) NETWORK (BB1601)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	778.6	681.2	226.9	372.3	266.5	561.4	727.3	540.4	399.7		4554.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	778.6	681.2	226.9	372.3	266.5	561.4	727.3	540.4	399.7		4554.3
Initial Spares											
Total Proc Cost	778.6	681.2	226.9	372.3	266.5	561.4	727.3	540.4	399.7		4554.3
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: As the emerging major component of the Army Bridge to Future Networks, the Joint Network Node (JNN) Network is intended to replace legacy Mobile Subscriber Equipment (MSE), while moving the Army to a unified Everything Over Internet Protocol (EOIP) Communications System. This fundamental shift in the Tactical backbone communications system prepares the Army culture and leadership for the future introduction of both Warfighter Information Network-Tactical (WIN-T) and Future Combat Systems (FCS). Once proliferated throughout the force structure, tied to modernizations for the Global War on Terrorism (GWOT) deployment missions, the JNN Network will provide encrypted internet connectivity, from landfall sanctuaries, to the Battalion Echelon. The Network is capable of passing unclassified and classified traffic levels, throughout its entire structure, from Home Station Operations Center (HSOC) to the furthest forward Battalion Elements. Designed to meet modularity and rapid deployment mandates, the Network is also intended to support Joint Communications Requirements, as well as Internet Applications from approved National, Federal Agencies and Coalition Partners. The Network, by its basic design, will allow incorporation of Future Internet Communications improvements, as well as a lot of technologies for modular Communications, offered by both government and industry sources.</p> <p>Justification: FY 2008 Base Appropriation will procure 1 Hub, 16 JNN's and 71 BnCPN's. FY 2009 Base Appropriation will procure 20 Jnn's and 60 BnCPN's.</p> <p>The FY 2008 base program includes an increase of \$59.710 million for Grow the Army requirements. This increase will be used to procure 0 Hub, 8 JNN's and 23 BnCPN's.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: JOINT NETWORK NODE (JNN) NETWORK (BB1601)			Weapon System Type:		Date: February 2007		
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Base Appropriation													
Equipment		356804			104829			77245			77223		
Non-recurring Eng		2412			3200			3200			3200		
NetOPS HW/SW		9848			4771			5038			4580		
Test		1421						1320			1320		
Training		18833			11381			8477			7707		
Fielding		8264			7179			2016			1833		
Cont. Field Supt Rep		6911			8083			2965			2696		
Engineering Support		3421			1938			4032			3666		
Engineering Changes		6453						25429			22434		
Program Management		11454			12535			12801			13100		
Initial Spares		64083			33504			14014			12740		
uparmored nre													
ka upgrade		74500			30579			87200			39030		
sig center requirement					3200			26400			3400		
sustainment supplemental													
deployed cfsr		16796			5660			14812			15669		
PDSS		9000						11871			13833		
RSC Support		11000						15816			13171		
Tech Insertion											30849		
Regional Hub		80000											
Subtotal		681200			226859			312636			266451		
Grow the Army													
Equipment								28551					
Netops HW/SW								2412					
Training								6483					
Fielding								4700					
Cont. Field Supt Rep								3518					
Initial Spares								2139					
PDSS								4894					
KA upgrade								7013					

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: JOINT NETWORK NODE (JNN) NETWORK (BB1601)			Weapon System Type:			Date: February 2007		
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Subtotal								59710					
Total													
Total:		681200			226859			372346			266451		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007		
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: JOINT NETWORK NODE (JNN) NETWORK (BB1601)							
WBS Cost Elements:		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Base Appropriation												
FY 2008		COMP- HUB TBD-HUB		Comp/FFP	Ft. Monmouth, NJ	Nov 07	May 08	1		Y		Mar 07
FY 2008		COMP- JNN TBD-JNN		Comp/FFP	Ft. Monmouth, NJ	Nov 07	May 08	16		Y		Mar 07
FY 2008		COMP- BnCP TBD-BnCP		Comp/FFP	Ft. Monmouth, NJ	Nov 07	May 08	71		Y		Mar 07
FY 2009		COMP- JNN TBD-JNN		Comp/FFP	Ft. Monmouth, NJ	Nov 08	May 09	20		Y		Mar 07
FY 2009		COMP- BnCP TBD-BnCP		Comp/FFP	Ft. Monmouth, NJ	Nov 08	May 09	60		Y		Mar 07
Grow the Army												
FY 2008		COMP- JNN TBD-JNN		Comp/FFP	Ft. Monmouth, NJ	Nov 07	May 08	8		Y		Mar 07
FY 2008		COMP- BnCP TBD-BnCP		Comp/FFP	Ft. Monmouth, NJ	Nov 07	May 08	23		Y		Mar 07
REMARKS:												

<div> <div>FY 05 / 06 BUDGET PRODUCTION SCHEDULE</div> <div> P-1 ITEM NOMENCLATURE JOINT NETWORK NODE (JNN) NETWORK (BB1601) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 05														Fiscal Year 06														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 05											Calendar Year 06														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Base																																		
4	FY 08	A	1	0	1		A						1															0						
5	FY 08	A	16	0	16		A						5	5	6													0						
6	FY 08	A	71	0	71		A						18	18	18	17												0						
5	FY 09	A	20	0	20													A						5	5	5	5	0						
6	FY 09	A	60	0	60													A						14	14	16	16	0						
Grow the Army																																		
5	FY 08	A	8	0	8		A						2	2	2	2												0						
6	FY 08	A	23	0	23		A						5	6	6	6												0						
Total			199		199								31	31	32	25									19	19	21	21						
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	Data Path, Inc-HUB, Norcross, GA	1	1	1		1	Initial	0	6	7	13																						
								Reorder	0	6	7	13																						
	2	General Dynamics-JNN, Taunton, MA	5	7	14		2	Initial	0	6	7	13																						
								Reorder	0	6	7	13																						
	3	General Dynamics-BnCP, Taunton, MA	10	20	40			Initial	0	6	7	13																						
								Reorder	0	6	7	13																						
	4	COMP- HUB, TBD-HUB	1	1	1		3	Initial	0	6	7	13																						
								Reorder	0	6	7	13																						
5	COMP- JNN, TBD-JNN	5	7	14			Initial	0	6	7	13																							
							Reorder	0	6	7	13																							
6	COMP- BnCP, TBD-BnCP	10	20	40		4	Initial	0	6	7	13																							
							Reorder	0	6	7	13																							
							Initial	0	6	7	13																							
							Reorder	0	6	7	13																							

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature SPIDER APLA Remote Control Unit (B55501)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty			175	132	307	87	40	35	70		846
Gross Cost		7.0	27.5	19.7	30.1	11.6	8.1	8.5	11.8		124.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1		7.0	27.5	19.7	30.1	11.6	8.1	8.5	11.8		124.3
Initial Spares											
Total Proc Cost		7.0	27.5	19.7	30.1	11.6	8.1	8.5	11.8		124.3
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The Spider is a hand emplaced, remotely controlled, anti-personnel munition system used for the detection, identification, and engagement of selected targets in accordance with the commander's intent. A Spider munition system consists of a control station, a communications repeater, and munition units that apply both lethal and non-lethal anti-personnel effects. Missions include force protection, shaping the battlefield, provide warning, delay enemy forces, and attrit enemy forces. The Spider is designed to mitigate the indiscriminate engagement of the lethal mechanism. A soldier/Marine makes a conscious decision to engage a target with the lethal mechanism. The envisioned obstacle can either be a permanent obstacle, such as the Korean Barrier System (KBS), or a temporary obstacle intended to be reused in other locations, such as forward airbases. Spider communications and electronics components include: munition trainer units, remote-control stations, repeaters, and munition adapter modules.</p> <p>Justification: FY08/09 procurements build a war reserve inventory and training devices in accordance with the Army's procurement goals. Spider is a DOD special interest program requiring OSD to search aggressively for alternatives to the M14 and M16, legacy non-self destruct antipersonnel landmines.</p> <p>FY 2008 Grow the Army procures seven (7) Spider Systems.</p> <p>FY 2008 Base Appropriation: \$18,801</p> <p>FY 2008 Grow the Army: \$887</p> <p>FY 2008 Total \$19,688</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: SPIDER APLA Remote Control Unit (B55501)			Weapon System Type:		Date: February 2007		
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
HARDWARE													
Spider System					18390	175	105	14530	125	116	27434	307	89
Spider System (GTA)								814	7	116			
Hardware SUBTOTAL					18390			15344			27434		
PRODUCTION SUPPORT													
Production Engineering (Govt)					1884			1825			2283		
Production Engineering (Govt) (GTA)								73					
SUPPORT SUBTOTAL					1884			1898			2283		
NON-RECURRING COSTS													
Producibility Engineering		4480			1060			421					
Special Tooling		1764			2850			500					
Test Fixtures		756			2240			1525			150		
First Article Test (LRP)					200								
First Article Test (FRP)											275		
Production Verification Tests					864								
SUBTOTAL NON-RECURRING		7000			7214			2446			425		
Total:		7000			27488			19688			30142		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: SPIDER APLA Remote Control Unit (B55501)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Spider System											
FY 2007	Alliant Techsystems/Textron Plymouth, MN/Wilmington, MA		SS/CPIF	Picatinny, NJ	Mar 07	Sep 08	175	105	Yes		Sep 06
FY 2008	Alliant Techsystems/Textron Plymouth, MN/Wilmington, MA		OPT/CPIF	Picatinny, NJ	Mar 08	Sep 09	125	116			
FY 2009	Alliant Techsystems/Textron Plymouth, MN/Wilmington, MA		SS/OPT	Picatinny, NJ	Mar 09	Jun 10	307	89			
Spider System (GTA)											
FY 2008	Alliant Techsystems/Textron Plymouth, MN/Wilmington, MA		OPT/CPIF	Picatinny, NJ	Mar 08	Sep 09	7	116			
REMARKS: Prime contractor is a joint venture of Alliant Techsystems and Textron FY2007 and FY2008 (Low Rate Production) will be a modifications to the cost plus incentive fee SDD/LRP contract. FY2009 will be fixed price.											

<div> <div>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</div> <div> <div>P-1 ITEM NOMENCLATURE</div> <div>SPIDER APLA Remote Control Unit (B55501)</div> </div> <div> <div>Date:</div> <div>February 2007</div> </div> </div>																																			
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later	
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09															
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
Spider System																																			
1	FY 07	A	175	0	175																							6	169						
1	FY 08	A	125	0	125						A																	13	112						
1	FY 09	A	307	0	307																								307						
Spider System (GTA)																																			
1	FY 08	A	7	0	7						A																	7	0						
Total			614		614																							26	588						
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS FY2007 (Low Rate Production) will be a modification to the SDD contract and will be awarded in the reorder admin lead time, but will require the initial manufacturing lead time.																				
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																							
	1	Alliant Techsystems/Texttron, Plymouth, MN/Wilmington, MA	1	30	105	120	1	Initial	3	8	18	26																							
								Reorder	3	6	15	21																							
								Initial																											
								Reorder																											
								Initial																											
								Reorder																											
								Initial																											
								Reorder																											

FY 12 / 13 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE SPIDER APLA Remote Control Unit (B55501)										Date: February 2007												
COST ELEMENTS						Fiscal Year 12												Fiscal Year 13												Later		
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 12												Calendar Year 13														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
Spider System																																
1	FY 07	A	175	175																										0		
1	FY 08	A	125	132	-7																									-7		
1	FY 09	A	307	93	214	26	26	27	27	27	27	27	27																	0		
Spider System (GTA)																																
1	FY 08	A	7	7																										0		
Total			614	407	207	26	26	27	27	27	27	27	27																	-7		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																	
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																				
1	Alliant Techsystems/Textron, Plymouth, MN/Wilmington, MA					1	30	105	120	1	Initial	3	8	18	26																	
										Reorder	3	6	15	21																		
										Initial																						
										Reorder																						
										Initial																						
										Reorder																						
										Initial																						
										Reorder																						
										Initial																						
										Reorder																						

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 2 / Communications and Electronics Equipment</small>						P-1 Item Nomenclature <small>RADIO, IMPROVED HF (COTS) FAMILY (BU8100)</small>					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	299.0	838.3	96.1	81.4	48.8	54.9	41.5	44.4	35.5		1539.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	299.0	838.3	96.1	81.4	48.8	54.9	41.5	44.4	35.5		1539.8
Initial Spares											
Total Proc Cost	299.0	838.3	96.1	81.4	48.8	54.9	41.5	44.4	35.5		1539.8
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The Improved High-Frequency (HF) Commercial Off the Shelf (COTS) Radio Family consists of the Tactical Handheld Radio (HHR) (AN/PRC-148), the High Frequency Radio (HF)(AN/PRC-150), the Motorola and EF Johnson Land Mobile Radio (LMR), the COTS Vehicular Adapter Amplifiers (VAA)(AN/VRC-10 and AN/VRC-11), and the COTS Tactical (TACSAT) radios (AN/PSC-5D and AN/PRC-117).</p> <p>The AN/PRC-148 is one of the world's smallest and lightest full-featured Combat Net Radio (CNR) operating contiguously over the 30-512 MHz frequency range. The radio has embedded US type-1 COMSEC protection and is capable of both voice and data modes of operation. The AN/PRC-148 provides a hand held, highly flexible tactical radio useful over a very broad range of combat environments. System options include SINCGARS, HAVEQUICK I/II, ANDVT waveforms, and a retransmission capability compatible with existing equipment. The AN/PRC-148 is manufactured by Thales Communications, Inc., Bethesda, MD.</p> <p>The AN/PRC-150 provides reliable, long-range tactical radio communications through use of advanced digital signal processing. The radio reduces the need for separate cryptographic equipment by embedding US type-1 Communications Security (COMSEC) within the radio. The AN/PRC-150 family is available as a lightweight 20-watt man-pack radio, 20-watt and 150-watt vehicular radio, and a 400-watt transportable base station configuration. The radio provides reliable Line-of-Sight (LOS) and Beyond LOS (BLOS) communication in USB, LSB, AME, CW, and FM modes. The radio is interoperable with other HF radios within the Army that have these modes of operation. The National Security Agency (NSA) endorsed the COMSEC features of the AN/PRC-150 HF radio on 4 June 2001. The AN/PRC-150 is manufactured by Harris Corporation, Rochester, NY.</p> <p>The LMR (Motorola & EF Johnson) provides intra-squad/team communications for non-critica C2 admin and log functions. The LMR also provides capability for the Army National Guard (ARNG) forces to interoperate with federal/state/local officials who also employ the LMR during Homeland Security and disaster relief operations. The Motorola LMRs were procured to support the Hurricane States in FY06 and the EF Johnson LMR for the Modular Force in FY07.</p> <p>The VAA is a COTS/NDI system that provides a SINCGARS like capability. The VAA consists of two Type I tactical hand held radios, 2 adaptors, and an interface tray that installs into a Military Vehicle outfitted with a SINCGARS Installation Kit. The VAA is required to support the Stryker Brigade Combat Teams (SBCTs) and other Army Divisional Units as part of the Army Modular Force Strategy. The VAA is manufactured by Thales Corporation in Bethesda, Maryland and Harris Corporation, Rochester, New York.</p>											

Exhibit P-40, Budget Item Justification Sheet		Date: February 2007
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment		P-1 Item Nomenclature RADIO, IMPROVED HF (COTS) FAMILY (BU8100)
Program Elements for Code B Items:	Code:	Other Related Program Elements:
<p>The TACSAT radios (both AN/PSC-5D and AN/PRC-117F) provide units with Multi-Mode voice and data radio communications in LOS and SATCOM Modes of Operation. The radios provide Command and Control (C2) communications for the Corps and Division Warfighter Nets (WFN), and support Army Special Operations Forces (SOF) C2. The radios operate in the VHF/UHF bands (30-512 MHz), and are available in three configurations: Manpack, SATCOM on the Move (SOTM), and Transit Case. The AN/PSC-5D is manufactured by Raytheon, Largo, FL. The AN/PRC-117F is manufactured by Harris Corporation, Rochester NY.</p> <p>Justification: FY08/09 Base Appropriation will procure TACSAT Radios, AN/PRC-150 radios and AN/PRC-148 radios in support of Rapid Fielding Initiatives and Modularity.</p> <p>The FY08 base program includes an increase of \$15.844 million for Grow the Army requirements. This increase will be used to procure an additional 189 AN/PRC-150(c) Radios, 152 AN/PRC-148 Radios, and 96 AN/PSC-5 Radios.</p> <p>FY 2008 Base Appropriation: \$65.530 Million FY 2008 Grow the Army Funds: \$15.844 Million FY 2008 Total \$81.374 Million</p>		

Exhibit P-5, Weapon OPA2 Cost Analysis													
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment					P-1 Line Item Nomenclature: RADIO, IMPROVED HF (COTS) FAMILY (BU8100)					Weapon System Type:		Date: February 2007	
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Base Appropriation													
COTS Tactical Radios		838277			96075			22101					
Hand Held Radios/PRC-148								21714					
High Frequency Radios /PRC-150								21715					
TACSAT Radios											26455		
Program Management											800		
PRC-148											228		
PRC-150											21150		
Assoc SPT Items of Equip (ASIOE)											113		
Engineering Technical/Training											10		
Grow the Army													
GTA - AN/PRC 148 Radios								914					
GTA - AN/PRC 150(c) Radios								9650					
GTA - AN/PSC 5 Radios								5280					
Total:		838277			96075			81374			48756		

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature COTS Tactical Radios (B81803)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	299.0	838.3	96.1	27.4	27.3	17.0	5.0			Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	299.0	838.3	96.1	27.4	27.3	17.0	5.0			Continuing	Continuing
Initial Spares											
Total Proc Cost	299.0	838.3	96.1	27.4	27.3	17.0	5.0			Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: The TACSAT radios (AN/PSC-5D and AN/PRC-117F) provide units with Multi-Mode voice and data radio communications in LOS and SATCOM Modes of Operation. The radios provide Command and Control (C2) communications for the Corps and Division Warfighter Nets (WFN), and support Army Special Operations Forces (SOF) C2. The radios operate in the VHF/UHF bands (30-512 MHz), and are available in three configurations: Manpack, SATCOM on the Move (SOTM), and Transit Case. The AN/PSC-5D is manufactured by Raytheon of Largo FL. The AN/PRC-117F is manufactured by Harris Corp of Rochester NY.</p> <p>FY07 & prior years was comprised of COTS Tactical Radios, which included AN/PRC-148, AN/PRC-150, VAA, and LMR's. These radios have been moved to their own SSNs.</p> <p>Justification: FY08 Base Appropriation will procure a combined total 387 5D and 117F TACSAT radios, the quantity of each TBD by DA.</p> <p>The FY08 base program includes \$5.280 million Grow the Army requirements. This increase will be used to procure 96 additional AN/PSC-5D radios.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: COTS Tactical Radios (B81803)				Weapon System Type:		Date: February 2007		
OPA2 Cost Elements		ID	FY 06			FY 07			FY 08			FY 09		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Base Appropriation														
PRC-150 (HF)			241767	4740	51.0	61204	1200	51.0						
PRC-148 (HHR)			3570	510	7.0	17913	2559	7.0						
Land Mobile Radio			124866	54289	2.3									
Vehicular Amplified Adaptor (VAA)			374769	16260	23.0									
Associated Support Items of Equipment			40638			4064								
Initial Spares and Repairs			22349			2879								
Project Management			13832			7808								
Engineering/Technical Support/ Test			16486			2207								
COTS TACSAT Radio Hardware									21301			26455		
Project Management									800			800		
Grow the Army														
PSC-5 Radios									5280					
Total:			838277			96075			27381			27255		

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: February 2007</div> </div>										
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment		Weapon System Type:	P-1 Line Item Nomenclature: COTS Tactical Radios (B81803)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Base Appropriation FY 2008 FY 2009	TBD TBD TBD TBD	C/OPTION C/OPTION	LCMC, FT MON, NJ LCMC, FT MON, NJ	Jan 08 Jan 09	Apr 08 Apr 09	387 481	55.00 55.00	Y Y		
Grow the Army FY 2008	TBD TBD	C/OPTION	LCMC, FT MON, NJ	Jan 08	Apr 08	96	55.00	Y		
REMARKS:										

<div> <div>FY 05 / 06 BUDGET PRODUCTION SCHEDULE</div> <div> P-1 ITEM NOMENCLATURE COTS Tactical Radios (B81803) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 05														Fiscal Year 06														Later
MFR	FY	SERV	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 05											Calendar Year 06														
						OC	NO	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP					
Base																																		
1	FY 08	A	387	0	387				A				100	100	100	87													0					
1	FY 09	A	481	0	481																A			100	100	100	100	81	0					
Grow the Army																																		
1	FY 08	A	96	0	96				A				96															0						
Total			964		964								196	100	100	87								100	100	100	100	81						
						OC	NO	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP					

MFR	Name - Location	PRODUCTION RATES			Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct			
1	TBD, TBD	60	600	900		1	Initial	0	1	3	4	
							Reorder	0	1	3	4	
2	TBD, TBD	100	300	600		2	Initial	0	1	3	4	
							Reorder	0	1	6	7	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature HAND HELD RADIO/PRC 148 (B81804)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				22.6	0.3	5.1	13.6	6.0	6.0		53.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				22.6	0.3	5.1	13.6	6.0	6.0		53.5
Initial Spares											
Total Proc Cost				22.6	0.3	5.1	13.6	6.0	6.0		53.5
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The AN/PRC-148 is one of the world's smallest and lightest full-featured Combat Net Radio (CNR) operating contiguously over the 30-512 MHz frequency range. The radio has embedded US type-1 COMSEC protection and is capable of both voice and data modes of operation. The AN/PRC-148 provides a hand held, highly flexible tactical radio useful over a very broad range of combat environments. System options include SINCGARS, HAVEQUICK I/II and ANDVT waveforms and a retransmission capability compatible with existing equipment.</p> <p>Justification: FY08 Base Appropriation will procure 3,341 AN/PRC-148 radios in support of Modularity and GWOT requirements.</p> <p>The FY08 base program includes an increase of \$.914 Million for Grow the Army requirements. This increase will be used to procure an additional 152 AN/PRC-148 radios.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis														Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: HAND HELD RADIO/PRC 148 (B81804)				Weapon System Type:		Date: February 2007			
OPA2 Cost Elements		ID	FY 06			FY 07			FY 08			FY 09															
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost													
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000													
Base Appropriation																											
PRC-148								19804	3341	6	228	39	6														
Assoc SPT Items of Equipment (ASIOE)								1074			13																
Engineering Technical/Training								836			10																
Grow the Army																											
PRC-148								914	152	6																	
Total:								22628			251																

Exhibit P-5a, Budget Procurement History and Planning											Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: HAND HELD RADIO/PRC 148 (B81804)							
WBS Cost Elements:		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Base Appropriation		TBD TBD TBD TBD		C/Options	Ft. Monmouth, NJ	Jun 08	Jan 09	3341	6	Y		
FY 2008												
FY 2009												
Grow the Army		TBD TBD		C/Options	Ft. Monmouth, NJ	Jun 08	Jan 09					
FY 2008												
REMARKS: Future procurements of AN/PRC-148 will use the JTRS JPEO Competitive Contract Schedule for the Jun 08 award.												

<div> <div> FY 08 / 09 BUDGET PRODUCTION SCHEDULE </div> <div> P-1 ITEM NOMENCLATURE HAND HELD RADIO/PRC 148 (B81804) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Base																																		
1	FY 08	A	3341	0	3341										A							50	100	150	325	325	325	325	325	325	1091			
1	FY 09	A	39	0	39																						A				39			
Grow the Army																																		
1	FY 08	A	152	0	152										A							152									0			
Total			3532		3532																	202	100	150	325	325	325	325	325	325	1130			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS There is no contractor information on this budget document. Future procurements of the AN/PRC-148 will use the JTRS JPEO Competitive Contract Schedule for the Jun 08 award. The contract type action will be competitive. Until contract award, Contractor is TBD.																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	TBD, TBD					400	1500	2500			0	0	0														0						
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
										Reorder																								

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature HIGH FREQUENCY RADIO/PRC 150 (B81806)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				31.4	21.3	32.9	22.9	38.4	29.5		176.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				31.4	21.3	32.9	22.9	38.4	29.5		176.3
Initial Spares											
Total Proc Cost				31.4	21.3	32.9	22.9	38.4	29.5		176.3
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The AN/PRC-150 is a Commercial Off-the-Shelf (COTS) Non-Developmental Item (NDI) family of advanced High Frequency (HF) radios that provides reliable, long-range tactical radio communications through use of advanced digital signal processing. The radio reduces the need for separate cryptographic equipment by embedding US type-1 Communications Security (COMSEC) within the radio. The AN/PRC-150 family is available as a lightweight 20-watt man-pack radio, 20-watt and 150-watt vehicular radio and a 400-watt transportable base station configuration. The radio provides reliable Line-of-Sight (LOS) and Beyond LOS (BLOS) communication in USB, LSB, AME, CW, and FM modes. The radio is capable of interoperability with other HF radios that have these modes of operation already in use within the Army. The National Security Agency (NSA) endorsed the COMSEC features of the AN/PRC-150 HF radio on 4 June 2001.</p> <p>Justification: FY08/09 Base Appropriation funds will procure 426 and 417 AN/PRC-150 radios respectively.</p> <p>The FY08 base program includes an increase of \$9.650 million for Grow the Army requirements. This increase will be used to procure 189 additional AN/PRC-150(c) radios.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis													
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment					P-1 Line Item Nomenclature: HIGH FREQUENCY RADIO/PRC 150 (B81806)					Weapon System Type:		Date: February 2007	
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Base Appropriation													
PRC-150s								21550	426	51	21150	417	51
Assoc. Spt Items of Equipment (ASIOE)								165			100		
Grow the Army													
PRC-150s								9650	189	51			
Total:								31365			21250		

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: February 2007</div> </div>										
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment		Weapon System Type:	P-1 Line Item Nomenclature: HIGH FREQUENCY RADIO/PRC 150 (B81806)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Base Appropriation FY 2008 FY 2009	Harris Corp Rochester, NY Harris Corp Rochester, NY	C/Options C/Options	LCMC, Ft. Monmouth, NJ LCMC, Ft. Monmouth, NJ	Jan 08 Jan 09	May 08 Jun 09	426 417	51 51	Y Y	 	
Grow the Army FY 2008	Harris Corp Rochester, NY	C/Options	LCMC, Ft. Monmouth, NJ	Jan 08	May 08	189	51	Y		
REMARKS:										

FY 08 / 09 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE HIGH FREQUENCY RADIO/PRC 150 (B81806)										Date: February 2007														
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 08											Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Base																																		
1	FY 08	A	426	0	426				A				20	25	30	40	40	40	30	30	30	30	30	30	30	30	21				0			
1	FY 09	A	417	0	417															A						25	40	40	50	262				
Grow the Army																																		
1	FY 08	A	189	0	189				A				40	35	30	20	20	20	24												0			
Total			1032		1032								60	60	60	60	60	60	54	30	30	30	30	30	30	30	46	40	40	50	262			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS Options Executed.																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	Harris Corp, Rochester, NY					60	600	900		1	Initial	0	1																3	4			
											Reorder	0	1	3																4				
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature MEDICAL COMM FOR CBT CASUALTY CARE (MC4) (MA8046)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										Continuing	Continuing
Gross Cost	79.1	42.3	10.5	22.0	16.9	8.6	5.2	16.6	17.3	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	79.1	42.3	10.5	22.0	16.9	8.6	5.2	16.6	17.3	Continuing	Continuing
Initial Spares											
Total Proc Cost	79.1	42.3	10.5	22.0	16.9	8.6	5.2	16.6	17.3	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: The Medical Communications for Combat Casualty Care (MC4) System provides multipliers to the medical force structure through the acquisition of information technology solutions for the deployable medical forces. The MC4 System will fulfill the requirements highlighted in United States Code; Title 10; Subtitle A; Part II; Chapter 55; Section 1074f; mandating the proper documentation of deployed service members' medical treatment to include pre- and post-deployment screening and its associated medical surveillance. The MC4 System will also interface Force Health Protection and medical surveillance information with Army Battle Command and Combat Service Support information technology systems as they evolve to support the Army Transformation.</p> <p>Justification: FY08/09 procures MC4 hardware and provides new equipment training to support on-going infrastructure deployment which will provide Theater Medical Information Program (TMIP) and Army unique applications to Active component and National Guard (NG) component to include 2 Active Brigade Combat Teams (BCTs), 4 NG BCTs, 8 Aviation brigades, 6 command and control units (division and Army level), 2 Special Forces Groups and 3 Sustainment Commands/Brigades. In addition funding allows MC4 to acquire, integrate and deploy automation technology in support of the Army Campaign Plan and Global War on Terrorism units, as well as designated warfighting Combatant Commanders.</p> <p>The FY08 Base program includes an increase of \$2.429 million for 'Grow the Army requirements. This increase will be used to procure 1 computer system: Digital AN/TYQ 106(V)1; 1 computer systems: Digital AN/TYQ 107(V)1; 1 computer systems: Digital AN/TYQ 107(V)2; 1 computer systems: Digital AN/TYQ 105(V)1; and 1 computer systems: Digital AN/TYQ 108(V)3;.</p> <p>FY2008 Base Appropriation: \$19.525 million FY2008 Grow The Army: \$2.429 million FY2008 Total: \$21.954 million</p> <p>FY06 total includes supplemental funding of \$39.3 million to support the global war on terrorism (GWOT).</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment			P-1 Line Item Nomenclature: MEDICAL COMM FOR CBT CASUALTY CARE (MC4) (MA8046)			Weapon System Type:		Date: February 2007				
OPA2 Cost Elements		ID	FY 06		FY 07			FY 08			FY 09			
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Base Appropriation														
Medical Information Systems Equipment			35997			2320			10140			7359		
PMO Fielding Management			1041			3840			3950			4065		
Field equipment /conduct New Equip Train			5259			4346			5435			5524		
Grow the Army														
Medical Information Systems Equipment									2429					
Total:			42297			10506			21954			16948		

Exhibit P-5a, Budget Procurement History and Planning									Date: February 2007		
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment		Weapon System Type:	P-1 Line Item Nomenclature: MEDICAL COMM FOR CBT CASUALTY CARE (MC4) (MA8046)								
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Base Appropriation											
Medical Information Systems Equipment											
FY 2006	TBS		C/FP	ITEC4- Alexandria	Nov 05	Jan 06			yes		
FY 2007	TBS		C/FP	ITEC4- Alexandria	Jan 07	TBD			yes		
FY 2008	TBS		C/FP	ITEC4- Alexandria	Dec 07	TBD					
FY 2009	TBS		C/FP	ITEC4- Alexandria	TBD	TBD					
PMO Fielding Management											
FY 2006	General Dynamics (IT) Frederick, MD		FP	GSA Philadelphia	Feb 06	VAR			na		
FY 2007	General Dynamics (IT) Frederick, MD		FP	GSA Philadelphia	Feb 07	VAR			na		
FY 2008	General Dynamics (IT) Frederick, MD		FP	GSA Philadelphia	Feb 08	VAR			na		
FY 2009	General Dynamics (IT) Frederick, MD		FP	GSA Philadelphia	Feb 09	VAR			na		
Field equipment /conduct New Equip Train											
FY 2006	General Dynamics (IT) Frederick, MD		CP	GSA Philadelphia	Feb 06	VAR			na		
FY 2007	General Dynamics (IT) Frederick, MD		CP	GSA Philadelphia	Feb 07	VAR			na		
FY 2008	General Dynamics (IT) Frederick, MD		CP	GSA Philadelphia	Feb 08	VAR			na		
FY 2009	General Dynamics (IT) Frederick, MD		CP	GSA Philadelphia	Feb 09	VAR			na		
Grow the Army											
Medical Information Systems Equipment											
FY 2008	TBS		C/FP	ITEC4-Alexandria	TBD	TBD					
REMARKS: Contracted Product Management Office support and New Equipment Training is provided under GSA/General Dynamics-Information Technology Division contract, awarded 28 Feb 2005, with option years through 28 Feb 2010. Equipment has been procured through ITEC-4. Dec 2007											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature TSEC - ARMY KEY MGT SYS (AKMS) (BA1201)					
Program Elements for Code B Items: 0303140A			Code: A		Other Related Program Elements: Z16800 Battlefield Electronics Communications System (BECS)						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	97.9	38.4	14.9	27.8	16.8	19.4	7.6	5.8	6.1	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	97.9	38.4	14.9	27.8	16.8	19.4	7.6	5.8	6.1	Continuing	Continuing
Initial Spares											
Total Proc Cost	97.9	38.4	14.9	27.8	16.8	19.4	7.6	5.8	6.1	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: Army Key Management System (AKMS) is the Army's system to automate the functions of Communications Security (COMSEC) key management control and distribution, Electronic Counter-Countermeasures (ECCM) generation and distribution and Signal Operation Instructions (SOI) management. AKMS will electronically generate and distribute Army key and key-related material, thereby limiting adversarial access to, and reducing the vulnerability of, Army Command, Control, Communications, Computers, Intelligence (C4I) systems. It provides key management to communications and network planning. AKMS consists of three components, namely, the Local COMSEC Management Software (LCMS), the Automated Communications Engineering System (ACES) and the Data Transfer Device (DTD). LCMS is the Army's portion of the four-tiered Electronic Key Management System (EKMS). The EKMS is a key management, COMSEC material distribution and logistics support system consisting of interoperable service and civil agency key management systems. ACES is a Spectrum Management tool that will provide enhanced automated functions of net/cryptonet management, Signal Operating Instructions and Electronic Protection. The Data Transfer Device (DTD) moves the ACES/LCMS data to End Crypto Units (ECUs). The DTD acquisition strategy was updated in an Acquisition Decision Memorandum (ADM) approved by the PEO C3T Milestone Decision Authority (MDA) on 10 June 2002. The DTD will now be known as the Simple Key Loader (SKL). The SKL, although not a recognized Joint Program, has multi-service support. The Tri-Services have formed a Tri-Service Working Group (TSWG) to support the SKL production/fielding. Army is the chair for the TSWG and the Air Force, Navy and the National Security Agency (NSA) are voting members. Customer funding has been received from the other services to procure SKLs for field use.</p> <p>The SKL initial production units were delivered to the 101st Airborne Division in May 05. Fielding to remaining Army units is in progress.</p> <p>AKMS is part of the management/support infrastructure for the new Modular Army architecture, which provides critical functions for supporting Army's transformation.</p>											
<p>Justification: FY08 and FY09 funding procures Simple Key Loaders (SKLs), continues the fielding of the SKL, continues post production software support (PPSS) for the SKLs and the Coalition Joint Spectrum Management Planning Tool (CJSMPPT), and provides for the associated government and contractor engineering support and training. The SKL will be utilized to perform all Tier Three functions of Electronic Key Management System (EKMS). The CJSMPPT supports deconfliction of Improvised Explosive Device (IED) Jammers and Blue Force Communications.</p> <p>FY08 base program includes an increase of \$4.568 million for Grow the Army requirements. This increase will procure SKLs, associated cables, and Fielding/New Equipment Training (NET).</p> <p>FY 2008 Base Appropriation: \$23.225 million FY 2008 Grow the Army: \$ 4.568 million</p>											

Exhibit P-40, Budget Item Justification Sheet		Date: February 2007
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment		P-1 Item Nomenclature TSEC - ARMY KEY MGT SYS (AKMS) (BA1201)
Program Elements for Code B Items: 0303140A	Code: A	Other Related Program Elements: Z16800 Battlefield Electronics Communications System (BECS)
FY 2008 Total: \$27.793 million		

Exhibit P-5, Weapon OPA2 Cost Analysis													
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment					P-1 Line Item Nomenclature: TSEC - ARMY KEY MGT SYS (AKMS) (BA1201)					Weapon System Type:		Date: February 2007	
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
FY08 Base Appropriation													
Simple Key Loader		36923	20535	1.798	12465	6932	1.798	13752	7370	1.866	7672	4027	1.905
Gov't Engineering		401			616			1697			2128		
Contractor Engineering		582			850			3462			3875		
Fielding/NET Current Systems		81			134			2228			1144		
Software Upgrade		400			574			1854			1733		
SKL ancillary equipment (cables)		20			225			232			239		
FY08 Grow the Army													
Simple Key Loader								3875	2077	1.866			
Fielding/NET Current Systems								628					
SKL ancillary equipment (cables)								65					

NOTE: SKL includes the host (COTS) and KOV-21 card, which is GFE from NSA.													
Total:		38407			14864			27793			16791		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: TSEC - ARMY KEY MGT SYS (AKMS) (BA1201)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Simple Key Loader											
FY 2006	Sierra Nevada Sparks, NV		C/IDIQ	Ft Monmouth Acquisition Center	Sep 06	Dec 06	20535	1.798	Yes		
FY 2007	Sierra Nevada Sparks, NV		C/IDIQ	Ft Monmouth Acquisition Center	Jan 07	Apr 07	6932	1.798	Yes		
FY 2008	Sierra Nevada Sparks, NV		C/IDIQ	Ft Monmouth Acquisition Center	Jan 08	Apr 08	7370	1.866	Yes		
FY 2009	Sierra Nevada Sparks, NV		C/IDIQ	Ft Monmouth Acquisition Center	Jan 09	Apr 09	4027	1.905	Yes		
FY08 Grow the Army											
FY 2008	Sierra Nevada Sparks, NV		C/IDIQ	Ft Monmouth Acquisition Center	Jan 09	Sep 09	2077	1.866	Yes		
REMARKS:											

<div> <div> FY 06 / 07 BUDGET PRODUCTION SCHEDULE </div> <div> P-1 ITEM NOMENCLATURE TSEC - ARMY KEY MGT SYS (AKMS) (BA1201) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06														Calendar Year 07														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Simple Key Loader																																		
1	FY 05	A	10900	0	10900							1050	1163	1725	523	1659	575	305	2097	1575	228								0					
1	FY 06	A	20535	0	20535												A				1189	2239	2495	2495	1515	1515	1515	1515	1515	3028				
1	FY 07	A	6932	0	6932																A			367	367	367	367	367	4730					
1	FY 08	A	7370	0	7370																							7370						
1	FY 09	A	4027	0	4027																							4027						
1	FY 06	AF	5020	0	5020												A				290	547	609	609	371	371	371	371	371	740				
1	FY 07	AF	8217	0	8217																A			435	435	435	435	435	5607					
1	FY 08	AF	5000	0	5000																							5000						
1	FY 09	AF	5000	0	5000																							5000						
1	FY 05	NA	600	0	600										100	100	100	100	100	100	100							0						
1	FY 06	NA	500	0	500											A				29	54	61	61	37	37	37	37	37	73					
1	FY 07	NA	2815	0	2815																A			149	149	149	149	149	1921					
1	FY 08	NA	500	0	500																							500						
1	FY 09	NA	500	0	500																							500						
1	FY 07	ANG	906	0	906																A			48	48	48	48	48	618					
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached	MFR			ADMIN LEAD TIME		MFR	TOTAL	REMARKS																	
						MIN	1-8-5	MAX	D+	1	Initial		Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct	SKL deliveries include host and KOV-21 card.																	
1	Sierra Nevada, Sparks, NV					1	2300	3200			Reorder		0	2	4	6																		
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

FY 06 / 07 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE TSEC - ARMY KEY MGT SYS (AKMS) (BA1201)										Date: February 2007											
COST ELEMENTS						Fiscal Year 06										Fiscal Year 07										Later					
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06										Calendar Year 07															
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
1	FY 08	ANG	1000	0	1000																								1000		
1	FY 09	ANG	1000	0	1000																								1000		
1	FY 06	OTH	288	0	288												A				17	31	35	35	21	21	21	21	21	21	44
1	FY 07	OTH	4850	0	4850																	A			257	257	257	257	257	259	3306
1	FY 08	OTH	5000	0	5000																								5000		
1	FY 09	OTH	2500	0	2500																								2500		
1	FY 08	OTH	2077	0	2077																								2077		
Total			95537		95537							1050	1163	1725	523	1759	675	405	2197	3200	3199	3200	3200	3200	3200	3200	3200	3200	54041		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS SKL deliveries include host and KOV-21 card.		
		MIN	1-8-5	MAX				1	Initial				Prior 1 Oct	After 1 Oct
1	Sierra Nevada, Sparks, NV	1	2300	3200				2	0	18	18			
								0	2	4	6			
								Initial						
								Reorder						
								Initial						
								Reorder						
								Initial						
								Reorder						
								Initial						
								Reorder						

FY 08 / 09 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE TSEC - ARMY KEY MGT SYS (AKMS) (BA1201)										Date: February 2007									
COST ELEMENTS						Fiscal Year 08										Fiscal Year 09										Later			
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08										Calendar Year 09													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G
Simple Key Loader																													
1	FY 05	A	10900	10900																									0
1	FY 06	A	20535	17507	3028	1514	1514																						0
1	FY 07	A	6932	2202	4730	367	367	935	935	935	935	256																	0
1	FY 08	A	7370	0	7370				A			615	615	614	614	614	614	614	614	614	614	614	614						0
1	FY 09	A	4027	0	4027															A			336	336	336	336	336	336	2011
1	FY 06	AF	5020	4280	740	370	370																						0
1	FY 07	AF	8217	2610	5607	435	436	1108	1108	1108	1108	304																	0
1	FY 08	AF	5000	0	5000				A			417	417	417	417	417	417	417	416	416	416	416							0
1	FY 09	AF	5000	0	5000															A			417	417	417	417	417	417	2498
1	FY 05	NA	600	600																									0
1	FY 06	NA	500	427	73	37	36																						0
1	FY 07	NA	2815	894	1921	149	149	380	380	380	380	103																	0
1	FY 08	NA	500	0	500				A			42	42	42	42	42	42	42	41	41	41	41							0
1	FY 09	NA	500	0	500															A			42	42	42	42	42	42	248
1	FY 07	ANG	906	288	618	48	48	122	122	122	122	34																	0
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P
M F R	Name - Location					PRODUCTION RATES			Reached	MFR			ADMIN LEAD TIME		MFR	TOTAL	REMARKS SKL deliveries include host and KOV-21 card.												
						MIN	1-8-5	MAX	D+	1	Initial	Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct													
1	Sierra Nevada, Sparks, NV					1	2300	3200			Reorder	0	2	4	6														
											Initial																		
											Reorder																		
											Initial																		
											Reorder																		
											Initial																		
											Reorder																		
											Initial																		
											Reorder																		

<div> <div> FY 08 / 09 BUDGET PRODUCTION SCHEDULE </div> <div> P-1 ITEM NOMENCLATURE TSEC - ARMY KEY MGT SYS (AKMS) (BA1201) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 08											Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
1	FY 08	ANG	1000	0	1000				A			84	84	84	84	83	83	83	83	83	83	83	83	83						0				
1	FY 09	ANG	1000	0	1000																A			84	84	84	84	83	83	498				
1	FY 06	OTH	288	244	44	22	22																						0					
1	FY 07	OTH	4850	1544	3306	258	258	655	655	655	655	170																	0					
1	FY 08	OTH	5000	0	5000				A			417	417	417	417	417	417	417	417	416	416	416	416						0					
1	FY 09	OTH	2500	0	2500																A			209	209	209	209	208	208	1248				
1	FY 08	OTH	2077	0	2077				A			758	1319																0					
Total			95537	41496	54041	3200	3200	3200	3200	3200	3200	2894	1574	1574	1573	1573	1573	1573	1570	1570	1570	1570	1088	1088	1088	1088	1086	1086	6503					
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS SKL deliveries include host and KOV-21 card.
		MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct			
1	Sierra Nevada, Sparks, NV	1	2300	3200		1	Initial	2	0	18	18	
							Reorder	0	2	4	6	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

<div> <div>FY 10 / 11 BUDGET PRODUCTION SCHEDULE</div> <div> P-1 ITEM NOMENCLATURE TSEC - ARMY KEY MGT SYS (AKMS) (BA1201) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10														Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Simple Key Loader																																		
1	FY 05	A	10900	10900																							0							
1	FY 06	A	20535	20535																							0							
1	FY 07	A	6932	6932																							0							
1	FY 08	A	7370	7370																							0							
1	FY 09	A	4027	2016	2011	336	335	335	335	335	335																0							
1	FY 06	AF	5020	5020																							0							
1	FY 07	AF	8217	8217																							0							
1	FY 08	AF	5000	5000																							0							
1	FY 09	AF	5000	2502	2498	417	417	416	416	416	416																0							
1	FY 05	NA	600	600																							0							
1	FY 06	NA	500	500																							0							
1	FY 07	NA	2815	2815																							0							
1	FY 08	NA	500	500																							0							
1	FY 09	NA	500	252	248	42	42	41	41	41	41																0							
1	FY 07	ANG	906	906																							0							
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																		
						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																					
1	Sierra Nevada, Sparks, NV					1	2300	3200			Initial	2	0	18	18																			
										Reorder	0	2	4	6																				
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature INFORMATION SYSTEM SECURITY PROGRAM-ISSP (TA0600)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	624.6	68.7	92.6	60.3	74.6	53.3	40.0	42.7	43.4	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	624.6	68.7	92.6	60.3	74.6	53.3	40.0	42.7	43.4	Continuing	Continuing
Initial Spares											
Total Proc Cost	624.6	68.7	92.6	60.3	74.6	53.3	40.0	42.7	43.4	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: The Information Systems Security Program (ISSP) procures tests and integrates Communications Security (COMSEC) solutions, key management capabilities and information assurance (IA) tools to secure the Global Information Grid (GIG). New and emerging architectures are driving the need to replace current inventory of stove pipe systems (non-network centric/non-GIG compliant components) with technologically advanced devices that incorporate Chairman of the Joint Chiefs of Staff and Joint Requirements Oversight Council directed cryptographic modernization, advanced key management and network centric performance capabilities.</p> <p>Biometrics, automated methods of human recognition, is a component within the ISSP. Biometrics has a Biometric Task Force (BTF) and the Biometrics Fusion Center (BFC). Among the many functions of the BTF, it coordinates technical demonstrations with the military services and various DoD agencies to promote the use of biometric technology within the DoD. The results of these demonstrations will be used to fill capability gaps and to ultimately acquire an interoperable biometric product.</p> <p>Army Public Key Infrastructure (PKI) is also a component within the ISSP. PKI incorporates the DoD PKI program and the Deputy Secretary of Defense mandate to implement Smart Card technology in the form of the Common Access Card (CAC). PKI will support Homeland Security Presidential Directive (HSPD)-12 implementation within the Army.</p> <p>Justification: FY08/09 procures cryptographic solutions, high assurance network security devices and key management tools for information assurance. For Biometrics FY08/09 also procures technology demonstrations (pilot projects). The Biometrics Task Force (BTF) funds a portion of the product cost of selected pilots and then selects the pilots that will be funded for that fiscal year. In addition, FY08/09 procures for PKI commercial-off-the-shelf (COTS) hardware/software for new emerging technological implementation to ensure security of the network keeps pace with a changing environment to ensure network security and identity management for the CAC program. FY08 base program includes an increase of \$.031 million for Grow the Army requirements. This increase will procure in-line encryptors.</p> <p>FY 2008 Base Appropriation: - \$ 60.301 million FY 2008 Grow the Army: - \$.031 million FY 2008 Total - \$ 60.332 million</p>											

Exhibit P-40, Budget Item Justification Sheet		Date: February 2007
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment		P-1 Item Nomenclature INFORMATION SYSTEM SECURITY PROGRAM-ISSP (TA0600)
Program Elements for Code B Items:	Code:	Other Related Program Elements:
<p>FY07 total includes supplemental funding of \$1.1 million to support the Global War on Terrorism (GWOT)</p>		

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment			P-1 Line Item Nomenclature: INFORMATION SYSTEM SECURITY PROGRAM-ISSP (TA0600)			Weapon System Type:			Date: February 2007		
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
BASE APPROPRIATION													
NEW IN-LINE ENCRYPTOR	A							7007	637	11			
LINK/TRUNK ENCRYPTORS	A							14496	1812	8			
INSTALLATION KITS	A							5199	1733	3			
SECURE WIRED	A							750	375	2			
SECURE TERMINAL EQUIPMENT	A							4000	8000	1			
SECURE WIRELESS	A							750	75	10			
ELECTRONIC FILL DEVICE	A							4000	2000	2			
EKMS	A							5000					
FIELDING								8629					
NETWORK SECURITY MANAGEMENT TOOLS								5400					
BIOMETRICS								1500					
PUBLIC KEY INFRASTRUCTURE								3570					
BASE APPROPRIATION SUB-TOTAL								60301					
GROW THE ARMY													
IN-LINE ENCRYPTOR (GTA)								31	2	16			
GROW THE ARMY SUB-TOTAL								31					
Total:								60332					

Exhibit P-5a, Budget Procurement History and Planning									Date: February 2007		
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: INFORMATION SYSTEM SECURITY PROGRAM-ISSP (TA0600)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
BASE APPROPRIATION											
NEW IN-LINE ENCRYPTOR											
FY 2008	GENERAL DYNAMICS NEEDHAM MA		IDIQ	NSA, FT MEADE, MD	Jan 08	Jan 09	637	11	YES		
LINK/TRUNK ENCRYPTORS											
FY 2008	MYKOTRONX, INC TORRANCE, CA		IDIQ	NSA, FT MEADE, MD	Jan 08	Jan 09	1812	8	YES		
INSTALLATION KITS											
FY 2008	NSA FORT MEADE, MD		IDIQ	NSA, FT MEADE, MD	Jan 08	Jan 09	1733	3	YES		
SECURE WIRED											
FY 2008	NSA FORT MEADE, MD		IDIQ	NSA, FT MEADE, MD	Jan 08	Jan 09	375	2	YES		
SECURE TERMINAL EQUIPMENT											
FY 2008	NSA FORT MEADE, MD		IDIQ	NSA, FT MEADE, MD	Jan 08	Jan 09	8000	1	YES		
SECURE WIRELESS											
FY 2008	HARRIS CORP MELBOURNE, FL		IDIQ	NSA, FT MEADE, MD	Jan 08	Jan 09	75	10	YES		
ELECTRONIC FILL DEVICE											
FY 2008	NSA FORT MEADE, MD		IDIQ	NSA, FT MEADE, MD	Jan 08	Jan 09	2000	2	YES		
NEW IN-LINE ENCRYPTOR (SUPP)											
FY 2008	GENERAL DYNAMICS NEEDHAM MA		IDIQ	NSA, FT MEADE, MD	Jan 08	Jan 09	5150	11	YES		
SECURE VOICE ENCRYPTOR (SUPP)											
FY 2008	NSA FORT MEADE, MD		IDIQ	NSA, FT MEADE, MD	Jan 08	Jan 09	70	6	YES		
ENHANCED CRYPTOR CARD (SUPP)											
FY 2008	NSA FORT MEADE, MD		IDIQ	NSA, FT MEADE, MD	Jan 08	Jan 09	19702	0	YES		
GROW THE ARMY											
IN-LINE ENCRYPTOR (GTA)											

<div> <div> FY 08 / 09 BUDGET PRODUCTION SCHEDULE </div> <div> P-1 ITEM NOMENCLATURE INFORMATION SYSTEM SECURITY PROGRAM-ISSP (TA0600) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
NEW IN-LINE ENCRYPTOR																																		
1	FY 08	A	637	0	637				A												53	53	53	53	53	54	53	53	53	159				
LINK/TRUNK ENCRYPTORS																																		
2	FY 08	A	1812	0	1812				A												151	151	151	151	151	151	151	151	151	453				
INSTALLATION KITS																																		
3	FY 08	A	1733	0	1733				A												144	144	144	145	145	145	145	145	144	432				
SECURE WIRED																																		
3	FY 08	A	375	0	375				A												31	31	31	31	32	32	32	31	31	93				
SECURE TERMINAL EQUIPMENT																																		
3	FY 08	A	8000	0	8000				A												665	667	667	667	667	667	665	667	667	2001				
SECURE WIRELESS																																		
4	FY 08	A	75	0	75				A												6	6	6	6	7	7	7	6	6	18				
ELECTRONIC FILL DEVICE																																		
3	FY 08	A	2000	0	2000				A												166	166	167	167	167	167	167	167	167	499				
GROW THE ARMY																																		
IN-LINE ENCRYPTOR (GTA)																																		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	GENERAL DYNAMICS, NEEDHAM MA					10	500	1800	6	1	Initial	0	3		12	15																	
	2	MYKOTRONX, INC, TORRANCE, CA					10	500	1000	6	2	Reorder	0	3		12	15																	
	3	NSA, FORT MEADE, MD					10	500	1800	6	Reorder	0	3	12		15																		
	4	HARRIS CORP, MELBOURNE, FL					10	500	1800	6	3	Initial	0	3		12	15																	
											Reorder	0	3	12		15																		
											4	Initial	0	3		12	15																	
											Reorder	0	3	12		15																		
												Initial																						
											Reorder																							

<table border="1"> <tr> <td colspan="18">FY 08 / 09 BUDGET PRODUCTION SCHEDULE</td> <td colspan="8">P-1 ITEM NOMENCLATURE INFORMATION SYSTEM SECURITY PROGRAM-ISSP (TA0600)</td> <td colspan="2">Date: February 2007</td> </tr> </table>																												FY 08 / 09 BUDGET PRODUCTION SCHEDULE																		P-1 ITEM NOMENCLATURE INFORMATION SYSTEM SECURITY PROGRAM-ISSP (TA0600)								Date: February 2007	
FY 08 / 09 BUDGET PRODUCTION SCHEDULE																		P-1 ITEM NOMENCLATURE INFORMATION SYSTEM SECURITY PROGRAM-ISSP (TA0600)								Date: February 2007																													
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09												Later																							
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 08												Calendar Year 09																																		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																										
1	FY 08	A	2	0	2				A															2							0																								
Total			14634		14634																		1218	1218	1219	1220	1222	1223	1220	1220	1219	3655																							
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																										

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS		
		MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct					
		1	GENERAL DYNAMICS, NEEDHAM MA	10	500	1800	6	1	Initial	0	3		12	15
								Reorder	0	3	12		15	
2	MYKOTRONX, INC, TORRANCE, CA	10	500	1000	6	2	Initial	0	3	12	15			
3	NSA, FORT MEADE, MD	10	500	1800	6		Reorder	0	3	12	15			
4	HARRIS CORP, MELBOURNE, FL	10	500	1800	6	3	Initial	0	3	12	15			
							Reorder	0	3	12	15			
						4	Initial	0	3	12	15			
							Reorder	0	3	12	15			
							Initial							
							Reorder							

<div> <div>FY 10 / 11 BUDGET PRODUCTION SCHEDULE</div> <div> P-1 ITEM NOMENCLATURE INFORMATION SYSTEM SECURITY PROGRAM-ISSP (TA0600) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10														Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
NEW IN-LINE ENCRYPTOR																																		
1	FY 08	A	637	478	159	53	53	53																				0						
LINK/TRUNK ENCRYPTORS																																		
2	FY 08	A	1812	1359	453	151	151	151																				0						
INSTALLATION KITS																																		
3	FY 08	A	1733	1301	432	144	144	144																				0						
SECURE WIRED																																		
3	FY 08	A	375	282	93	31	31	31																				0						
SECURE TERMINAL EQUIPMENT																																		
3	FY 08	A	8000	5999	2001	667	667	667																				0						
SECURE WIRELESS																																		
4	FY 08	A	75	57	18	6	6	6																				0						
ELECTRONIC FILL DEVICE																																		
3	FY 08	A	2000	1501	499	167	166	166																				0						
GROW THE ARMY																																		
IN-LINE ENCRYPTOR (GTA)																																		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	GENERAL DYNAMICS, NEEDHAM MA					10	500	1800	6	1	Initial	0	3		12	15																	
	2	MYKOTRONX, INC, TORRANCE, CA					10	500	1000	6	2	Initial	0	3		12	15																	
	3	NSA, FORT MEADE, MD					10	500	1800	6	Reorder	0	3	12		15																		
	4	HARRIS CORP, MELBOURNE, FL					10	500	1800	6	3	Initial	0	3		12	15																	
											4	Reorder	0	3		12	15																	
											Initial	0	3	12		15																		
											Reorder	0	3	12		15																		
											Initial																							
										Reorder																								

FY 10 / 11 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE INFORMATION SYSTEM SECURITY PROGRAM-ISSP (TA0600)										Date: February 2007														
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 10											Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
1	FY 08	A	2	2																									0					
Total			14634	10979	3655	1219	1218	1218																										
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct			
1	GENERAL DYNAMICS, NEEDHAM MA	10	500	1800	6	1	Initial	0	3	12	15	
							Reorder	0	3	12	15	
2	MYKOTRONX, INC, TORRANCE, CA	10	500	1000	6	2	Initial	0	3	12	15	
3	NSA, FORT MEADE, MD	10	500	1800	6		Reorder	0	3	12	15	
4	HARRIS CORP, MELBOURNE, FL	10	500	1800	6	3	Initial	0	3	12	15	
							Reorder	0	3	12	15	
						4	Initial	0	3	12	15	
							Reorder	0	3	12	15	
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 2 / Communications and Electronics Equipment</small>						P-1 Item Nomenclature <small>INFORMATION SYSTEMS (BB8650)</small>					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	2232.8	21.4	19.5	237.5	153.6	133.0	86.1	187.5	175.8	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	2232.8	21.4	19.5	237.5	153.6	133.0	86.1	187.5	175.8	Continuing	Continuing
Initial Spares											
Total Proc Cost	2232.8	21.4	19.5	237.5	153.6	133.0	86.1	187.5	175.8	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: This program provides for improvement/modernization of Army base level voice, data and video networks worldwide. It encompasses nontactical telecommunications services in support of Army base operations, Army Knowledge Management (AKM) Goal 3, Army Campaign Plan and Information Systems for Command and Control (C2) requirements and also acquires common user information systems in support of Military Construction, Army (MCA) projects. This program also has the mission to field integrated, supportable information technology (IT) solutions for transformation in business processes which enables the Army to manage its infostructure as an enterprise.</p> <p>Justification: FY08/09 procures the acquisition of information systems equipment and switch expansion equipment (not otherwise included in the MCA appropriation) to be installed in conjunction with Military Construction Army (MCA) projects worldwide. FY08/09 also procures engineering and acquisition of transmission, cabling and switching equipment necessary to provide NIPRNET/SIPRNET/VTC to meet mission requirements in Pacific Command (PACOM) and European Command (EUCOM). In addition, FY08/09 procures the continued modernization and sustainment of select intelligence processing and communication systems within the major US Forces Korea (USFK)/Combined Forces Command (CFC) command centers that support peninsula multidisciplinary intelligence, surveillance, and reconnaissance (ISR) operations.</p> <p>FY08 base program includes an increase of \$81.361 million for Grow the Army requirements. This increase will procure Information Technology (IT) items in support of new construction projects. "Grow the Army" provides for 63 additional construction projects to support restationing actions and the overall Transformation of the Army from Division based units to Brigade based units. These projectes will occur at the following locations: Forts Richardson, Wainwright, Huachuca, Carson, Stewart, Leavenworth, Riley, Campbell, Leonard Wood, Drum, Bragg, Jackson, Bliss, Hood, Sam Houston, Eustis, Lee, Myer, Lewis, Schofield Barracks, and White Sands Missile Range.</p> <p>FY 2008 Base Appropriation: \$156.170 million FY 2008 Grow the Army: \$81.361 million FY 2008 Total: \$237.531 million</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: INFORMATION SYSTEMS (BB8650)				Weapon System Type:		Date: February 2007		
OPA2 Cost Elements		ID CD	FY 06 Total CostQtyUnit Cost		FY 07 Total CostQtyUnit Cost			FY 08 Total CostQtyUnit Cost			FY 09 Total CostQtyUnit Cost			
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
BASE APPROPRIATION														
Information Systems(CONUS/Western Hem)			8937											
Information Systems (EUCOM)			1629			1788			1828			1869		
Information Systems (PACOM)			1588			3158			1925			1264		
Information Systems (MCA Support)			9219			14528			152417			150512		
GROW THE ARMY														
Information Systems (MCA Support)									81361					
Total:			21373			19474			237531			153645		

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature INFORMATION SYSTEMS (MCA SUPPORT) (BB1400)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	95.2	9.2	14.5	233.8	150.5	131.0	84.0	185.5	173.7	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	95.2	9.2	14.5	233.8	150.5	131.0	84.0	185.5	173.7	Continuing	Continuing
Initial Spares											
Total Proc Cost	95.2	9.2	14.5	233.8	150.5	131.0	84.0	185.5	173.7	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: This program provides state-of-the-art major information system equipment such as integrated voice/data switches, Tier II computers (i.e., common user, multiple-purpose assets supporting Army installations and/or organizations), voice/data switch expansions, common user Local Area Network (LAN) transport equipment and basic telephone instruments. This equipment is installed in conjunction with Military Construction, Army (MCA) and Base Realignment and Closure (BRAC) projects.</p> <p>Justification: FY08/09 procures information systems for specific projects based upon mission priority, timing of construction schedules, beneficial occupancy dates (BOD) and minimum lead time required for acquisition and installation of associated information system equipment and also procures telephone switches for Forts Knox, Jackson, Carson, Aberdeen, Wainwright, Belvoir, Leonard Wood, Lee and Vincenza Italy.</p> <p>FY08 base program includes an increase of \$81.361M for "Grow the Army" requirements. This increase will procure Information Technology (IT) items in support of new construction projects. "Grow the Army" provides for 63 additional construction projects to support restationing actions and the overall Transformation of the Army from Division based units to Brigade based units. These projects will occur at the following locations: Forts Richardson, Wainwright, Huachuca, Carson, Stewart, Leavenworth, Riley, Campbell, Leonard Wood, Drum, Bragg, Jackson, Bliss, Hood, Sam Houston, Eustis, Lee, Myer, Lewis, Schofield Barracks, and White Sands Missile Range.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: INFORMATION SYSTEMS (MCA SUPPORT) (BB1400)				Weapon System Type:		Date: February 2007		
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Base Appropriation													
Telephone Switch		3000	2	1500	6681	5	1336	71000	9	7889	80000	12	6667
Switch Upgrades		2000	54	37	1150	60	19	27000	165	164	9496	106	90
Telephone System		1000	76	13	940	80	12	9398	180	52	11802	120	98
Engineering Svcs		1386			1834			5118			5746		
LAN Transport System		1833	74	25	3923	63	62	39901	165	242	43468	116	375
Grow the Army													
Telephone Switch								32500	5	6500			
Switch Upgrades								2624	16	164			
Data Switch Expansions								42000	21	2000			
Engineering Services								4237	1	4237			
Total:		9219			14528			233778			150512		

Exhibit P-5a, Budget Procurement History and Planning									Date: February 2007			
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: INFORMATION SYSTEMS (MCA SUPPORT) (BB1400)							
WBS Cost Elements:		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Telephone Switch												
FY 2006		NORTEL Dallas, TX		C/FP	C-E LCMC, Ft Monmouth, NJ	Jan 06	Jul 06	2	1500	YES		
FY 2007		TBS		C/FP	C-E LCMC, Ft Monmouth, NJ	Jan 07	Jul 07	5	1336	YES		
FY 2008		TBS		C/FP	C-E LCMC, Ft Monmouth, NJ	Jan 08	Jul 08	9	7889	YES		
FY 2009		TBS		C/FP	C-E LCMC, Ft Monmouth, NJ	Jan 09	Jul 09	12	6667	YES		
Switch Upgrades												
FY 2006		NORTEL Dallas, TX		C/FP	GSA	Feb 06	May 06	54	37	YES		
FY 2007		TBS		C/FP	GSA	Feb 07	May 07	60	19	YES		
FY 2008		TBS		C/FP	GSA	Feb 08	May 08	165	164	YES		
FY 2009		TBS		C/FP	GSA	Feb 09	May 09	106	90	YES		
Telephone System												
FY 2006		NORTEL Dallas, TX		C/FP	GSA	Feb 06	May 06	76	13	YES		
FY 2007		TBS		C/FP	GSA	Feb 07	May 07	80	12	YES		
FY 2008		TBS		C/FP	GSA	Feb 08	May 08	180	52	YES		
FY 2009		TBS		C/FP	GSA	Feb 09	May 09	120	98	YES		
Engineering Svcs												
FY 2006		Signal Solutions Inc Fairfax, VA		C/FP	ISEC-FDED	Jul 06	Oct 06			YES		
FY 2007		TBS		C/FP	ISEC-FDED	Jul 07	Oct 07			YES		
FY 2008		TBS		C/FP	ISEC-FDED	Jul 08	Oct 08			YES		
FY 2009		TBS		C/FP	ISEC-FDED	Jul 09	Oct 09			YES		
LAN Transport System												
FY 2006		CISCO San Jose, CA		C/FP	GSA	Feb 06	May 06	74	25	YES		
FY 2007		TBS		C/FP	GSA	Feb 07	May 07	63	62	YES		
FY 2008		TBS		C/FP	GSA	Feb 08	May 08	165	242	YES		
FY 2009		TBS		C/FP	GSA	Feb 09	May 09	116	375	YES		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: INFORMATION SYSTEMS (MCA SUPPORT) (BB1400)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Grow the Army Data Switch Expansions FY 2008	TBS		C/FP	GSA	Jan 08	Jul 08	21	2000	YES		
REMARKS: C-E LCMC - Communications-Electronics Life Cycle Management Command GSA - General Services Administration ISEC-FDED - Information Systems Engineering Command-Fort Detrick Engineering Directorate											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature INFORMATION SYSTEMS (CONUS/WESTERN HEM) (BB8700)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	1001.4	8.9									1010.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	1001.4	8.9									1010.3
Initial Spares											
Total Proc Cost	1001.4	8.9									1010.3
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The Information Systems (CONUS/Western Hem) mission is to modernize and maintain the Army's digital switch systems worldwide and is an integral part of the Installation Information Infrastructure Modernization Program (I3MP). Upgrading telecommunication equipment provides the most effective interface with existing public telecommunication networks, ensures the installation is postured for emerging voice technologies and optimizes the development of evolving Department of the Army programs. Additionally, the program fields integrated, supportable Information Technology (IT) solutions for transformation in business processes which enable the Army to manage its Infostructure as an Enterprise.</p> <p>Justification: No FY08/09 Funding</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: INFORMATION SYSTEMS (CONUS/WESTERN HEM) (BB8700)					Weapon System Type:		Date: February 2007	
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Info Systems		8937											
Total:		8937											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature INFORMATION SYSTEMS (EUCOM) (BB8800)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	766.3	1.6	1.8	1.8	1.9	1.9	1.9	2.0	2.0		781.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	766.3	1.6	1.8	1.8	1.9	1.9	1.9	2.0	2.0		781.2
Initial Spares											
Total Proc Cost	766.3	1.6	1.8	1.8	1.9	1.9	1.9	2.0	2.0		781.2
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: Information Systems (European Command - EUCOM) provides for the engineering, acquisition and installation of fiber optic cable, transmission and switching equipment to support voice and non-secure Internet Protocol Router Network (NIPRNET)/Secret Internet Protocol Router Network (SIPRNET) connectivity critical for meeting mission requirements. This program supports the Defense Reform Initiative in such areas as Army Campaign Plan, Modularity, Army Knowledge Management, web enabled applications, image processing for intelligence missions, command and control for Army Expeditionary, Joint and Combined Forces, telemedicine and telemaintenance.</p> <p>Justification: FY08/09 procures engineering, acquisition, and installation of fiber optic cable and associated transmission equipment and software, building wiring, expansion of SIPRNET, and video teleconferencing (VTC) equipment in Europe.</p>											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature INFORMATION SYSTEMS (PACOM) (BB8900)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	369.8	1.6	3.2	1.9	1.3	0.1	0.1	0.1	0.1		378.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	369.8	1.6	3.2	1.9	1.3	0.1	0.1	0.1	0.1		378.2
Initial Spares											
Total Proc Cost	369.8	1.6	3.2	1.9	1.3	0.1	0.1	0.1	0.1		378.2
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The Information Systems Pacific Command (PACOM) Program provides for the engineering, acquisition and installation of fiber optic cable, transmission and switching equipment to support voice and Non-secure Internet Protocol Router Network (NIPRNET)/Secret Internet Protocol Router Network (SIPRNET) connectivity critical for meeting mission requirements.</p> <p>This program also provides for the modernization of secure networks, automation, and command, control, communication, computers, and intelligence (C4I) equipment within and between US Forces Korea (USFK)/Combined Forces Command (CFC) command centers, national intelligence centers, and sensitive compartmented information facilities (SCIFs) to improve support and manage joint and combined multidisciplinary intelligence, surveillance, and reconnaissance (ISR) and Project Morning Calm/Intelligence Dominance Center (PMC/IDC) operations occurring in and around the Korean Peninsula.</p> <p>Justification: FY08/09 procures engineering and acquisition of transmission, cabling and switching equipment necessary to provide NIPRNET/SIPRNET to meet mission requirements at Schofield Barracks, Wheeler Army Air Field, and Camp Zama, Fort Shafter, Fort Richardson, and Camp Humphrey. FY08/09 also procures the continued modernization and sustainment of select intelligence processing and communication systems within the major USFK/CFC command centers that support peninsula Command, Control, Communications, Computers, Intelligence (C4I) and multidiscipline intelligence, sensors, reconnaissance (ISR) operations.</p> <p>In addition, FY08/09 procures GCC CACC data wall and assoiciated equipment, PMC/IDC intelligence tool sets and systems, CAT III Improvements/Reconfiguration, PRISM MD Phase III, and Blueridge Sensitive Compartmented Information (SCI) satellite transmission and switching equipment.</p>											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature ALL SOURCE ANALYSIS SYS (ASAS) (MIP) (KA4400)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	672.1	61.6	34.3	52.5	38.7						859.1
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	672.1	61.6	34.3	52.5	38.7						859.1
Initial Spares											
Total Proc Cost	672.1	61.6	34.3	52.5	38.7						859.1
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The All Source Analysis System (ASAS) provides US Army commanders at all echelons from battalion to Army Service Component Command with automated support to the management and planning, processing and analysis, and dissemination of intelligence, counterintelligence, and electronic warfare. ASAS provides the means to enhance the commander's timely and comprehensive understanding of enemy deployments, capabilities, and potential courses of action. The system uses standard joint and Army protocols and message formats to interface with selected National, joint, theater, and tactical intelligence, surveillance, and reconnaissance systems and preprocessors and Army, joint, and coalition battle command systems. The ASAS product set currently includes: ASAS-Light (L) laptops, ASAS-L Intelligence Fusion Station desktop computers, the shelterized, High Mobility multipurpose Wheeled Vehicle (HMMWV)-mounted Analysis and Control Team-Enclave (ACT-E), and various Analysis and Control Element (ACE) configurations at Special Forces Group, Armored Cavalry Regiment, Division, Corps, and Military Intelligence Brigade. During FY07 through FY09, these ASAS systems will be configured to operate as integral components of the Army's initial Distributed Common Ground System-Army (DCGS-A) capability.</p> <p>Justification: FY08/09 procures, fields, and trains ASAS-L, ASAS ACT-E, and ASAS ACE systems configured as integral components of the Army's initial DCGS-A capability.</p> <p>FY08 Grow the Army (GTA) procures, fields, and trains ASAS-L, ASAS-L Intelligence Fusion Stations, and ACT-E systems.</p> <p>FY06 totals include supplemental funding of \$47.5 million to support the global war on terrorism (GWOT).</p> <p>FY 2008 Base Appropriation: \$36.132 FY 2008 Grow the Army: \$16.353 FY 2008 Total: \$52.485</p>											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature ASAS - MODULES (MIP) (K28801)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	672.1	61.6	34.3	52.5	38.7						859.1
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	672.1	61.6	34.3	52.5	38.7						859.1
Initial Spares											
Total Proc Cost	672.1	61.6	34.3	52.5	38.7						859.1
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The All Source Analysis System (ASAS) provides US Army commanders at all echelons from battalion to Army Service Component command with automated support to the management and planning, processing and analysis, and dissemination of intelligence, counterintelligence, and electronic warfare. ASAS provides the means to enhance the commander's timely and comprehensive understanding of enemy deployments, capabilities, and potential courses of action. The system uses standard joint and Army protocols and message formats to interface with selected National, joint, theater, and tactical intelligence, surveillance, and reconnaissance systems and preprocessors and Army, joint, and coalition battle command systems. The ASAS product set currently includes: ASAS-Light (L) laptops, ASAS-L Intelligence Fusion Station desktop computers, the shelterized, High Mobility Multipurpose Wheeled Vehicle (HMMWV)-mounted Analysis and Control Team-Enclave (ACT-E), and various Analysis and Control Element (ACE) configurations at Special Forces Group, Armored Cavalry Regiment, Division, Corps, and Military Intelligence Brigade. From FY07 through FY09 these ASAS systems will be configured to operate as integral components of the Army's initial Distributed Common Ground System-Army (DCGS-A) capability.</p> <p>Justification: FY08 and FY09 procures, fields, and trains ASAS-L, ASAS ACT-E, and ASAS ACE systems configured as integral components of the Army's initial DCGS-A capability.</p> <p>FY08 Grow The Army (GTA) procures, fields and trains ASAS-L, ASAS-L Intelligence Fusion Station, and ACT-E systems.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: ASAS - MODULES (MIP) (K28801)			Weapon System Type:		Date: February 2007			
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Base Appropriation													
ASAS Light Hardware		9750						960			960		
IFS Hardware													
ACT-E Hardware		9605			9605			2805			1600		
ACE Modules		28693			12606			24683			22260		
H/W Subtotal		48048			22211			28448			24820		
Project Management Administration		2030			2030			1800			1800		
Depot Level Software Support													
Fielding and Training		7580			7574			2739			5954		
Depot Hardware Support		200			200			200			200		
Engineering Support													
Training of ACE		3761			2278			2945			5900		
Production Support Subtotal		13571			12082			7684			13854		
FY 2008 Grow the Army (GTA)													
ASAS Light Hardware								6719					
IFS Hardware								520					
ACT-E Hardware								6008					
GTA H/W Subtotal								13247					
Fielding and Training								3106					
GTA Production Support Subtotal								3106					
Total:		61619			34293			52485			38674		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007		
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: ASAS - MODULES (MIP) (K28801)							
WBS Cost Elements:		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
ASAS Light Hardware												
FY 2006		GTE Taunton,MA		C/Option	Taunton, MA	Nov 05	Mar 06					
FY 2007		GTE Taunton,MA		C/Option	Taunton, MA	Nov 07	Mar 08					
FY 2008		GTE Taunton,MA		C/Option	Taunton, MA	Nov 08	Mar 09					
ACT-E Hardware												
FY 2006		GTE Taunton,MA		C/Option	Taunton, MA	Nov 06	Dec 07					
FY 2007		GTE Taunton,MA		C/Option	Taunton, MA	Nov 07	Dec 08					
FY 2008		GTE Taunton,MA		C/Option	Taunton, MA	Nov 08	Dec 09					
FY 2009		GTE Taunton,MA		C/Option	Taunton, MA	Nov 09	Dec 10					
ACE Modules												
FY 2006		GTE Taunton,MA		C/Option	Taunton, MA	Nov 06	Dec 07					
FY 2007		GTE Taunton,MA		C/Option	Taunton, MA	Nov 07	Dec 08					
FY 2008		GTE Taunton,MA		C/Option	Taunton, MA	Nov 08	Dec 09					
FY 2009		GTE Taunton,MA		C/Option	Taunton, MA	Nov 09	Dec 10					
FY 2008 Grow the Army (GTA)												
ASAS Light Hardware												
FY 2008		GTE Taunton,MA		C/Option	Taunton, MA	Jan 08	May 08					
IFS Hardware												
FY 2008		GTE Taunton,MA		C/Option	Taunton, MA	Jan 08	May 08					
ACT-E Hardware												
FY 2008		GTE		C/Option	Taunton, MA	Jan 08	Jan 09					

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007		
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: ASAS - MODULES (MIP) (K28801)							
WBS Cost Elements:		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
		Taunton,MA										
REMARKS: All equipment is NDI/COTS purchased through PM CHS or other Army activities. Cost and composition of ASAS unit sets vary because of unit mission, echelon assigned and the configuration of the hardware module procured.												

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature JTT/CIBS-M (MIP) (V29600)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	662										662
Gross Cost	268.8	9.4	1.0	7.6	8.6	2.9	1.4				299.7
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	268.8	9.4	1.0	7.6	8.6	2.9	1.4				299.7
Initial Spares											
Total Proc Cost	268.8	9.4	1.0	7.6	8.6	2.9	1.4				299.7
Flyaway U/C											
Weapon System Proc U/C	0.2	0.3									0.5
<p>Description: The Joint Tactical Terminal (JTT) Product Management Office (PMO) supports all Joint services and Special Operations Command (SOCOM). The Integrated Broadcast Service (IBS) is the worldwide Department of Defense (DoD) standard network for transmitting tactical and strategic intelligence and targeting data to all echelons of Joint Service operational users. The JTT PMO's role is to consolidate and replace existing IBS terminal functionality and capability with a "common family" of Integrated Broadcast Service-Modules (CIBS-M) - both hardware and software - and to expedite execution of the IBS Technical Transition Plan (TTP). The JTT family of systems currently consists of the JTT-Senior, JTT-Briefcase, JTT-IBS and ENTR CIBS-M IBS broadcast receiver/transceiver devices. The TTP is a comprehensive refresh effort of the entire IBS network focused on rearchitecting the broadcast from its current multi-broadcast, multi-data format structure, to a single broadcast (Common Interactive Broadcast - CIB) and single data format (Common Message Format - CMF). The JTT/CIBS-M family of systems is a critical component of the TTP as these systems are the only IBS receiver/transceiver devices in the DoD being modernized to support both the new consolidated broadcast architecture and the National Security Agencies (NSA) crypto modernization mandate. Failure to upgrade the JTT family of systems would result in an inability to execute the over-the-air broadcast portion of the TTP in the near term, and ultimately lead to a complete cessation of IBS data flow via the existing over-the-air IBS broadcast networks. The JTT program leverages early tech-based efforts initiated by organizations such as the National Reconnaissance Office (NRO) for the ENTR CIBS-M. Management control for JTT/CIBS-M efforts that contribute to increased value in performance or sustainment will transition to the JTT PMO. These capabilities will be integrated into the JTT/CIBS-M family of hardware and software modules. The JTT/CIBS-M family of modules will be the "sole" IBS provider, ensuring continued IBS interoperability to a variety of tactical receivers across DoD and the services throughout the TTP implementation period and beyond. This program funds the design, development, test and evaluation of JTT/CIBS-M hardware and software modules, as well as implementing performance enhancements to the family of JTT equipment. This is necessary to ensure crypto modernization compliance and to facilitate migration to a rearchitected CIB and CMF-based IBS broadcast structure. Funds also support JTT/CIBS-M training, equipping and supporting the Warfighter with improved Joint Readiness and Interoperability.</p>											
<p>Justification: FY08 funding provides field and program management support. FY08 Grow the Army (GTA) funding procures 14 JTT-IBS. FY09 funds will procure 264 COMSEC Upgrade kits.</p> <p>FY08 Base Appropriation: \$3,560 FY08 Grow the Army: \$4,006 FY08 Total: \$7,566</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: JTT/CIBS-M (MIP) (V29600)				Weapon System Type:		Date: February 2007		
OPA2 Cost Elements		ID CD	FY 06		FY 07			FY 08			FY 09			
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
JTT-IBS (GTA)								4006	14	286				
PM/ENGINEERING SUPPORT			1550			236		1650			1650			
Host Integration			600			349					1572			
FIELDING			700			146					430			
Training														
System Test & Eval			500					1410						
COMSEC Mods			5271											
ILS Data			100								500			
NSA Support			250			250		500						
COMSEC Upgrade Kit											4480	264		17
-Other Costs														
Total:			8971			981		7566			8632			

Exhibit P-5a, Budget Procurement History and Planning											Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: JTT/CIBS-M (MIP) (V29600)							
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
JTT-IBS (GTA) FY 2008	DRS Dayton, OH		C/FFP	CECOM, Ft. Monmouth, NJ	Nov 07	Sep 08	14	286	no			
JTT (T/R) Transmits and Receives FY 2009	Raytheon St. Petersburg, FL		SS/FFP	CECOM, Ft. Monmouth, NJ	Oct 08	Jun 09	264	17	no			
COMSEC Upgrade Kit												
REMARKS:												

<div> <div>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</div> <div> P-1 ITEM NOMENCLATURE JTT/CIBS-M (MIP) (V29600) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 08											Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
JTT-IBS (GTA)																																		
2	FY 08	A	14	0	14		A									14												0						
COMSEC Upgrade Kit																																		
1	FY 09	A	264	0	264												A									20	30	40	40	134				
Total			278		278											14										20	30	40	40	134				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	Raytheon, St. Petersburg, FL					2	10	45		1	Initial	2	1		7	8																	
	2	DRS, Dayton, OH					2	10	45		2	Initial	2	1		7	8																	
												Reorder	1	5		2	7																	
												Initial																						
												Reorder																						
												Initial																						
												Reorder																						

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Tactical Unmanned Aerial Sys (TUAS)MIP (B00301)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	51	16		3	13	3	2	1	1		90
Gross Cost	564.9	347.7	78.7	227.1	534.4	736.4	514.2	249.1	247.7	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	564.9	347.7	78.7	227.1	534.4	736.4	514.2	249.1	247.7	Continuing	Continuing
Initial Spares											
Total Proc Cost	564.9	347.7	78.7	227.1	534.4	736.4	514.2	249.1	247.7	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C	12.3	15.6		118.5	191.0	109.0	151.7	124.9	130.0	Continuing	Continuing
<p>Description: The Tactical Unmanned Aerial Systems (TUAS) Shadow 200 provides the Army Brigade Commander with dedicated Reconnaissance, Surveillance and Target Acquisition (RSTA), Intelligence, Battle Damage Assessment (BDA) and Force Protection. The Shadow provides the Brigade Commander with critical battlefield intelligence and targeting information in the rapid cycle time required for success at the tactical level. The TUAV Shadow system air vehicle meets the required operating range of 50 kilometers and remains on station for up to five hours. The baseline fielded payload is electro-optic infrared (EO/IR). The TUAV Shadow system consists of four air vehicles, (each configured with an EO/IR sensor payload), launcher and ground control and support equipment including: power generation, communications equipment, automated recovery equipment, remote video terminals, vehicle mounted shelters, and High Mobility Multipurpose Wheeled Vehicles with trailer(s). Each system is equipped with one Maintenance Section Multifunctional (MSM) Vehicle and is supported at the division level by a Mobile Maintenance Facility (MMF). The TUAS Shadow has logged over 123,000 flight hours since June 2001 most of which were flown in support of Operation Iraqi Freedom and Operation Enduring Freedom.</p> <p>The Extended Range Multi-Purpose (ERMP) Unmanned Aircraft System (UAS) provides a much improved real-time responsive capability to conduct long-dwell, wide area reconnaissance, surveillance, target acquisition, communications relay, and attack missions (4 HELLFIRE missiles). ERMP addresses an ever-increasing demand for greater range, altitude, endurance and payload flexibility and allows for mission change while in flight. ERMP will be fielded as a system to a company level organization with one company being assigned to each of the 10 Army Divisions providing a capability that is responsive to the lowest level of command facilitating dynamic re-tasking. The ERMP system consists of 12 aircraft with Electro-Optical/Infrared, Synthetic Aperture Radar, and communications relay payloads, Ground equipment includes 5 Ground Control Stations, 5 Ground Data Terminals, 2 Portable Ground Control Stations, 2 Portable Ground Data Terminals, and other associated ground support equipment. The acquisition strategy capitalizes on competition, bringing cutting-edge improvements at the best cost and value that support the major thrusts of the DoD UAS Roadmap, and the imperatives of Army modernization and Army Aviation Transformation. The ERMP system includes a heavy fuel engine, endurance of 30 mission hours, Tactical Common Data Link (TCDL) technology, network connectivity that reduces information cycle time and enhances overall battlespace awareness through liberal dissemination, teaming with manned platforms, and steps toward integration of UAS into national and international airspace. ERMP has a 3,200 pound gross take off weight (with growth to 3,600 pounds), Fowler flaps which improve take-off and landing performance, Automatic Take-off and Landing (ATLS) and the flexibility to operate with or without SATCOM data links. The ERMP One System Ground Control Station has the ability to operate multiple ERMP aircraft simultaneously and is interoperable with the Shadow UAS. With more weapons, payloads, and endurance than any other current system in its class, ERMP gives the Army the required capability defined by years of wartime experience and codified by the Joint Requirement Oversight Council (JROC).</p> <p>Weaponization of Unmanned Aerial Systems (UAS) includes and addresses the full scale integration of weapons system capability for UASs such as: the Extended Range Multi-Purpose (ERMP)</p>											

Exhibit P-40, Budget Item Justification Sheet		Date: February 2007
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment		P-1 Item Nomenclature Tactical Unmanned Aerial Sys (TUAS)MIP (B00301)
Program Elements for Code B Items:	Code:	Other Related Program Elements:
<p>UAS. These capability modifications include the refinement of requirements, the iterative selection of the optimum weapons matched to the aircraft capabilities, hardware and software design. This will include requisite airframe, mission management software, or weapon compatibility modifications to allow the system to carry and employ weapons.</p> <p>Advanced Tactical Unmanned Aerial Systems (UASs) Payloads (B00302) budget line supports the procurement of the following payload systems: (1) Synthetic Aperture Radar/Ground Moving Target Indicator (SAR/GMTI) and (2) Extended Range Multi-Purpose (ERMP) Electro Optical Infrared w/Laser Designator (EO/IR/LD). The SAR/GMTI is a multi-mode radar that provides an all-weather, wide-area search capability with a built-in imaging mode for increased situational awareness. The SAR/GMTI payload is a complementary system to the Army's Future Combat System (FCS) and is a principal payload for the ER/MP UAS. The ERMP EO/IR/LD provides a day/night capability to collect and display continuous imagery with the ability to designate targets of interest for attack by laser guided precision weapons.</p> <p>Justification: FY08 Shadow funds procure modification and retrofits such as Laser Designator and reliability upgrades for the engine and fuel systems.</p> <p>FY08 funds procure one Extended Range Multi-Purpose (ERMP) Unmanned Aircraft System (UAS) and new equipment training. The schedule supports IOT&E in FY09 and the earliest possible fielding requested by Senior Army leadership. In addition, FY08/09 funds the long lead procurement of items in support of IOT&E in FY09 and three systems in FY10.</p> <p>FY2008/2009 procures SAR/GMTI and ER/MP EO/IR/LD payloads. Delivery of these payloads will support the fielding schedule of the ER/MP UAS system.</p> <p>FY2008 Grow the Army procures two Shadow Systems.</p> <p>FY 2008 Base Appropriation: \$196.419 FY 2008 Grow the Army: \$ 30.660 FY 2008 Total \$227.079</p> <p>FY06 and FY07 include supplemental funding of \$290.2 million and \$50.150 million, respectively, to support the global war on terrorism (GWOT).</p>		

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Advanced TUAS Payloads (MIP) (B00302)					
Program Elements for Code B Items: 0305204A-Tactical Unmanned Aerial Vehicles			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost			33.3	38.4	142.9	164.1	150.7	124.2	117.7	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1			33.3	38.4	142.9	164.1	150.7	124.2	117.7	Continuing	Continuing
Initial Spares											
Total Proc Cost			33.3	38.4	142.9	164.1	150.7	124.2	117.7	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: Advanced Tactical Unmanned Aerial Vehicles (UAVs) Payloads (B00302) budget line supports the procurement of the following payload systems: (1) Synthetic Aperture Radar/Ground Moving Target Indicator (SAR/GMTI) and (2) Extended Range Multi-Purpose (ER/MP) Electro Optical Infrared w/Laser Designator (EO/IR/LD). The SAR/GMTI is a multi-mode radar that provides an all-weather, wide-area search capability with a built-in imaging mode for increased situational awareness. The SAR/GMTI payload is a complementary system to the Army's Future Combat System (FCS) and is a principal payload for the ER/MP UAV. The ER/MP EO/IR/LD provides a day/night capability to collect and display continuous imagery with the ability to designate targets of interest for attack by laser guided precision weapons.</p> <p>The Common Sensor Payload effort was initiated by decision in FY 2007, at the direction of the Vice Chief of Staff of the Army. This effort will combine existing separate payload efforts into a single common payload with a single logistics tail to support the Extended Range/Multi-Purpose (ER/MP) UAV as well as the Armed Reconnaissance Helicopter (ARH) ARH-70A Helicopter</p> <p>Justification: FY2008/2009 procures SAR/GMTI and ER/MP EO/IR/LD payloads. Delivery of these payloads will support the fielding schedule of the ER/MP UAV system.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: Advanced TUAS Payloads (MIP) (B00302)				Weapon System Type:		Date: February 2007	
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
SAR/GMTI													
SAR/GMTI Hardware contract					18100	13	1392	28780	20	1439	37161	26	1429
Program Management/Engineering Support					2127			2665			3675		
Refurbishment of test articles													
Initial Spares & Support Equipment													
System test and evaluation					2001			120			140		
Contractor Logistic Support								3470			3490		
Training & Data					273			3380			480		
ER/MP EO/IR/LD													
ER/MP EO/IR/LD Hardware contract					6207	7	887						
Program Management/Engineering Support					540								
System test and evaluation					1740								
Refurbishment of 10 test articles					2340								
Training & Data													
Contractor Logistic Support													
Initial Spares and support equipment													
Other Advanced Payloads													
Advanced Payloads Hardware Contract													
Program Manaagement/Engineering Support													
Common Sensor Payloads Hardware contract											78089	92	849
Program Management/Engineering Support											3494		
Engineering Changes											1562		
System Test & Eval											5505		
Training											50		
Initial Spares											7508		
New Equipment Training											859		
Interim Contractor Support											911		
Total:					33328			38415			142924		

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: February 2007</div> </div>											
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: Advanced TUAS Payloads (MIP) (B00302)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
SAR/GMTI Hardware contract FY 2008	TBS TBS		FFP	CECOM	Aug 07	Oct 08	20	1439	No		TBS
ER/MP EO/IR/LD Hardware contract FY 2007	Raytheon McKinney, TX		FFP	CECOM	Dec 06	Aug 08	7	887	Yes		Feb 05
Common Sensor Payloads Hardware contract FY 2009	TBS TBS		FFP	CECOM	Mar 09	Sep 09	92	849	No		Jan 07
REMARKS:											

<div> <div> FY 07 / 08 BUDGET PRODUCTION SCHEDULE </div> <div> P-1 ITEM NOMENCLATURE Advanced TUAS Payloads (MIP) (B00302) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 07														Fiscal Year 08														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 07														Calendar Year 08														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
SAR/GMTI Hardware contract																																		
1	FY 07	A	13	0	13											A												13						
1	FY 08	A	20	0	20																	A						20						
1	FY 09	A	26	0	26																							26						
ER/MP EO/IR/LD Hardware contract																																		
2	FY 07	A	7	0	7				A											1	1	1	1	1	1	1		0						
Common Sensor Payloads Hardware contract																																		
1	FY 09	A	92	0	92																							92						
Total			158		158															1	1	1	1	1	1	1		151						
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	TBS, TBS					6	24	48	9	1	Initial	0	1		12	13																	
											Reorder	0	0	0		0																		
	2	Raytheon, McKinney, TX					6	24	48	10	2	Initial	0	1		12	13																	
											Reorder	0	0	0		0																		
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

FY 09 / 10 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE Advanced TUAS Payloads (MIP) (B00302)										Date: February 2007														
COST ELEMENTS						Fiscal Year 09														Fiscal Year 10														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 09											Calendar Year 10														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
SAR/GMTI Hardware contract																																		
1	FY 07	A	13	0	13	2	3	3	3	2																			0					
1	FY 08	A	20	0	20					1	3	3	2	2	2	2	2	1											0					
1	FY 09	A	26	0	26			A									1	2	1	2	1	2	1	2	1	2	1	10						
ER/MP EO/IR/LD Hardware contract																																		
2	FY 07	A	7	7																								0						
Common Sensor Payloads Hardware contract																																		
1	FY 09	A	92	0	92					A					2	3	5	8	8	8	8	10	10	10	10	10		0						
Total			158	7	151	2	3	3	3	3	3	3	2	2	2	2	4	5	7	10	9	10	9	12	11	12	11	12	1	10				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	TBS, TBS					6	24	48	9	1	Initial	0	1		12	13																	
											Reorder	0	0	0		0																		
	2	Raytheon, McKinney, TX					6	24	48	10	2	Initial	0	1		12	13																	
											Reorder	0	0	0		0																		
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

<div> <div>FY 11 / 12 BUDGET PRODUCTION SCHEDULE</div> <div> <div>P-1 ITEM NOMENCLATURE</div> <div>Advanced TUAS Payloads (MIP) (B00302)</div> </div> <div> <div>Date:</div> <div>February 2007</div> </div> </div>																																		
COST ELEMENTS						Fiscal Year 11														Fiscal Year 12														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 11											Calendar Year 12														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
SAR/GMTI Hardware contract																																		
1	FY 07	A	13	13																								0						
1	FY 08	A	20	20																								0						
1	FY 09	A	26	16	10	2	2	2	2	2																		0						
ER/MP EO/IR/LD Hardware contract																																		
2	FY 07	A	7	7																								0						
Common Sensor Payloads Hardware contract																																		
1	FY 09	A	92	92																								0						
Total			158	148	10	2	2	2	2	2																								
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	TBS, TBS					6	24	48	9	1	Initial	0	1		12	13																	
											Reorder	0	0	0		0																		
	2	Raytheon, McKinney, TX					6	24	48	10	2	Initial	0	1		12	13																	
											Reorder	0	0	0		0																		
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Extended Range/Multi-Purpose (ER/MP) UAS (MIP) (B00305)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				1	1	3	2	1	1		9
Gross Cost		42.5	9.4	118.5	175.8	326.9	303.5	124.9	130.0		1231.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1		42.5	9.4	118.5	175.8	326.9	303.5	124.9	130.0		1231.3
Initial Spares											
Total Proc Cost		42.5	9.4	118.5	175.8	326.9	303.5	124.9	130.0		1231.3
Flyaway U/C				110.8	152.1	101.8	137.0	115.1	119.8		736.5
Weapon System Proc U/C				118.5	175.8	109.0	151.7	124.9	130.0		809.8
<p>Description: The Extended Range Multi-Purpose (ERMP) Unmanned Aircraft System (UAS) provides a much improved real-time responsive capability to conduct long-dwell, wide area reconnaissance, surveillance, target acquisition, communications relay, and attack missions (4 HELLFIRE missiles). ERMP addresses an ever-increasing demand for greater range, altitude, endurance and payload flexibility and allows for mission change while in flight. ERMP will be fielded as a system to a company level organization with one company being assigned to each of the 10 Army Divisions providing a capability that is responsive to the lowest level of command facilitating dynamic re-tasking. The ERMP system consists of 12 aircraft with Electro-Optical/Infrared, Synthetic Aperture Radar, and communications relay payloads, Ground equipment includes 5 Ground Control Stations, 5 Ground Data Terminals, 2 Portable Ground Control Stations, 2 Portable Ground Data Terminals, and other associated ground support equipment. The acquisition strategy capitalized upon competitive forces, bringing cutting-edge improvements at the best cost and value that support the major thrusts of the DoD UAS Roadmap, and the imperatives of Army modernization and Army Aviation Transformation. The ERMP system includes a heavy fuel engine, endurance of 30 mission hours, Tactical Common Data Link (TCDL) technology, network connectivity that reduces information cycle time and enhances overall battlespace awareness through liberal dissemination, teaming with manned platforms, and steps toward integration of UAS into national and international airspace. ERMP has a 3,200 pound gross take off weight (with growth to 3,600 pounds), Fowler flaps which improve take-off and landing performance, Automatic Take-off and Landing (ATLS) and the flexibility to operate with or without SATCOM data links. The ERMP One System Ground Control Station has the ability to operate multiple ERMP aircraft simultaneously and is interoperable with the Shadow UAS. With more weapons, payloads, and endurance than any other current system in its class, ERMP gives the Army the required capability defined by years of wartime experience and codified by the Joint Requirement Oversight Council (JROC).</p> <p>Justification: FY08 funds procure one Extended Range Multi-Purpose (ERMP) Unmanned Aircraft System (UAS) and new equipment training. The schedule supports FY09 IOT&E and the earliest possible fielding requested by Senior Army leadership. In addition, FY08/09 funds the long lead procurement of items in support IOT&E in F09 and three systems in FY10.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: Extended Range/Multi-Purpose (ER/MP) UAS (MIP) (B00305)				Weapon System Type:		Date: February 2007	
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
EXTENDED RANGE MULTI-PURPOSE PRIME CONTRACTOR													
Long Lead Items					5245			5500			18000		
System Production								74858	1	74858	66725	1	66725
Contractor Program Management													
Support Equipment								1261			2548		
Program Management					276			2939			4906		
Test & Evaluation								1793			5352		
Fielding & Spares								7155			21911		
Training Set													
System Test & Evaluation													
Total Prime Contractor Cost					5521			93506			119442		
GOVERNMENT													
Government Furnished Equipment					219			4079			13728		
Program Management								3618			10289		
System Test & Evaluation											8000		
Other Government Agencies					3627			7916			24299		
Common Systems Integration								9358					
SUB-TOTAL ER/MP COST					3846			24971			56316		
I-GNAT		42500											
Total:		42500			9367			118477			175758		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: Extended Range/Multi-Purpose (ER/MP) UAS (MIP) (B00305)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
EXTENDED RANGE MULTI-PURPOSE											
FY 2006	GENERAL ATOMICS/ASI SAN DIEGO, CA		CPIF/AF	AMCOM	Aug 06	N/A			Y	N/A	N/A
FY 2008	GENERAL ATOMICS/ASI SAN DIEGO, CA		CPIF/AF	AMCOM	Aug 08	Sep 09	1	80358	Y	N/A	N/A
FY 2009	GENERAL ATOMICS/ASI SAN DIEGO, CA		CPIF/AF	AMCOM	Jan 09	Feb 10	1	84725	Y	N/A	N/A
REMARKS:											

FY 09 / 10 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE Extended Range/Multi-Purpose (ER/MP) UAS (MIP) (B00305)										Date: February 2007														
COST ELEMENTS						Fiscal Year 09														Fiscal Year 10														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 09											Calendar Year 10														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
EXTENDED RANGE MULTI-PURPOSE																																		
1	FY 08	A	1	0	1												1																0	
1	FY 09	A	1	0	1					A																1							0	
Total							2		2								1								1									
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS Production Rate applies to quantity of Air Vehicles.																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	GENERAL ATOMICS/ASI, SAN DIEGO, CA					8	17	30		1	Initial	0	0		0	0																	
											Reorder	0	0	0		0																		
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

Advance Procurement Requirements Analysis-Funding (P-10A)					First System Award Date: April 07			First System Completion Date: June 08			Date: February 2007		
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment								P-1 Line Item Nomenclature / Weapon System: Extended Range/Multi-Purpose (ER/MP) UAS (MIP)					
			(\$ in Millions)										
	PLT (mos)	When Rqd (mos)	Pr Yrs	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	FY 13	To Comp	Total
End Item Quantity													
Total Advance Procurement													

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature SHADOW RQ-7A/B (TUAS) (MIP) (BA0330)					
Program Elements for Code B Items:			Code:		Other Related Program Elements: 0305204A - RDT&E						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	51	16		2	12						81
Gross Cost	564.9	305.2	36.0	70.2	215.7	245.7	60.0			Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	564.9	305.2	36.0	70.2	215.7	245.7	60.0			Continuing	Continuing
Initial Spares											
Total Proc Cost	564.9	305.2	36.0	70.2	215.7	245.7	60.0			Continuing	Continuing
Flyaway U/C		14.9		14.7	14.9						44.5
Weapon System Proc U/C	53.8	16.0		15.3	15.2					Continuing	Continuing
<p>Description: The Tactical Unmanned Aerial Systems (TUAS) Shadow 200 provides the Army Brigade Commander with dedicated Reconnaissance, Surveillance and Target Acquisition (RSTA), Intelligence, Battle Damage Assessment (BDA) and Force Protection. The Shadow provides the Brigade Commander with critical battlefield intelligence and targeting information in the rapid cycle time required for success at the tactical level. The TUAV Shadow system air vehicle meets the required operating range of 50 kilometers and remains on station for up to five hours. The baseline fielded payload is electro-optic infrared (EO/IR). Procurement of attrition air vehicles originated in FY 2001 and was re-established in FY 2006. The TUAV Shadow system consists of four air vehicles, (each configured with an EO/IR sensor payload), launcher and ground control and support equipment including: power generation, communications equipment, automated recovery equipment, remote video terminals, vehicle mounted shelters, and High Mobility Multipurpose Wheeled Vehicles with trailer(s). Each system is equipped with one Maintenance Section Multifunctional (MSM) Vehicle and is supported at the division level by a Mobile Maintenance Facility (MMF). The TUAS Shadow has logged over 123,000 flight hours since June 2001 most of which were flown in support of Operation Iraqi Freedom and Operation Enduring Freedom.</p> <p>Justification: FY08 Shadow funds procure modification and retrofits such as Laser Designator and reliability upgrades for the engine and fuel systems.</p> <p>FY 08 Grow The Army "Wedge" funds will procure an additional 2 systems.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: SHADOW RQ-7A/B (TUAS) (MIP) (BA0330)				Weapon System Type:		Date: February 2007	
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
TACTICAL UNMANNED AERIAL VEHICLE													
SHADOW													
Shadow Systems Hardware Cost		114337	16	7146							107875	12	8990
Production Support Cost													
MSM		20091	16	1256							16040		
MMF		10165	5	2033									
Supplemental ASL													
Training Devices													
Attrition AV								1783			1853		
Training													
Program Management		8595						2280			4661		
Technical Manuals		811						215			440		
Test Support		10742									8535		
Engineering Support		15499			8047			3545			8405		
Engineering Changes		7311			1600								
Mods / Retrofit (ECP/Incorp)		49087						6728			30913		
Fielding (BIT Team)		6987			5400			5013			3583		
Production Line Restart													
Critical Safety Items		6272											
Engineering Service (PBL)		8260			15000								
Total Prime Contractor System		258157			30047			19564			182305		
MIP Rover III Remote Video Terminal													
Government Furnished Equipment		19226									13047		
Program Management (Government)		8616			3989			4587			4684		
Engineering		4783						3599			3675		
Logistics		6794			1949			7307			7461		
Other Government Agencies Support		998						4470			4564		
SOW Changes													
Material Fielding													
Government Training / IMSs													
Site Activation													

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment			P-1 Line Item Nomenclature: SHADOW RQ-7A/B (TUAS) (MIP) (BA0330)			Weapon System Type:		Date: February 2007			
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
System Test and Acceptance													
Common System Intergration		6600											
Total Government Cost		47017			5938			19963			33431		
GROW THE ARMY													
Shadow Systems Hardware Cost								23544	2	11772			
Program Management								418					
Technical Manuals								36					
Test Support								1351					
Engineering Support								832					
Fielding (BIT Team)								1173					
Government Furnished Equipment								3306					
Grow The Army Total								30660					
Total Shadow Cost		305174			35985			70187			215736		
Total:		305174			35985			70187			215736		

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: February 2007</div> </div>											
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: SHADOW RQ-7A/B (TUAS) (MIP) (BA0330)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
TACTICAL UNMANNED AERIAL VEHICLE											
FY 2006	AAI Hunt Valley, MD		SS/FPIF	AMCOM	May 06	May 07	9	7146	Y	N/A	N/A
FY 2006	AAI Hunt Valley, MD		SS/FPIF	AMCOM	Sep 06	Jan 07	5	7146	Y	N/A	N/A
FY 2006	AAI Hunt Valley, MD		SS/FPIF	AMCOM	Apr 07	Oct 08	2	7146	Y	N/A	N/A
FY 2008	AAI Hunt Valley, MD		SS/FPIF	AMCOM	Dec 08	Feb 09	2	11772	Y	N/A	N/A
FY 2009	AAI Hunt Valley, MD		SS/FPIF	AMCOM	Dec 08	Dec 09	12	8990	Y	N/A	N/A
REMARKS:											

<div> <div>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</div> <div> P-1 ITEM NOMENCLATURE SHADOW RQ-7A/B (TUAS) (MIP) (BA0330) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06														Calendar Year 07														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
TACTICAL UNMANNED AERIAL VEHICLE																																		
1	FY 06	A	9	0	9								A												2			1	1	5				
1	FY 06	A	5	0	5										A															5				
1	FY 06	A	2	0	2																		A							2				
1	FY 08	A	2	0	2																									2				
1	FY 09	A	12	-10	12																									12				
Total			30	-10	30																				2			1	1	26				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
1	AAI, Hunt Valley, MD					1	10	12		1	Initial	4	5	11	16																			
										Reorder	4	5	10	15																				
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								

Exhibit P-21
Production Schedule

Exhibit P-21
Production Schedule

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature SMALL UNMANNED AERIAL SYSTEM (SUAS) (B00303)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty		106	64	200	145	173	60				748
Gross Cost		19.0	10.2	33.5	27.9	33.6	16.2				140.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1		19.0	10.2	33.5	27.9	33.6	16.2				140.2
Initial Spares											
Total Proc Cost		19.0	10.2	33.5	27.9	33.6	16.2				140.2
Flyaway U/C		17.1	9.3	32.8	26.3	31.4	13.7				130.5
Weapon System Proc U/C		19.0	10.2	33.5	27.9	33.6	16.2				140.2
<p>Description: The Small Unmanned Aircraft System (SUAS) program provides the ground maneuver battalions and below with unprecedented situational awareness and enhanced force protection. SUAS is a man portable unmanned aircraft system capable of handling a wide variety of Intelligence, Surveillance & Reconnaissance (ISR) tasks at Battalion and below. The SUAS aircraft has a wingspan of 4.5 feet and weighs 4.2 pounds. It is hand-launched, and provides aerial observation, day or night, at line-of-sight ranges up to 10 kilometers. The aircraft has an endurance rate of 90 minutes and can deliver color or infrared imagery in real time to the ground control and remote viewing stations. SUAS obtained Milestone C approval on 6 Oct 05 and successfully completed IOT&E June 06. The program obtained Full Rate Production authority on 5 Oct 06.</p> <p>Justification: FY08/09 funds procure 100 and 145 Small Unmanned Aircraft Systems (SUAS), respectively, Program Management Support, Contractor Logistics Support, and New Equipment Training.</p> <p>FY08 Grow the Army "Wedge" funds will procure an additional 100 Small Unmanned Aircraft Systems (SUAS).</p> <p>FY 08 SUAS Base: \$ 20,682 SUAS Systems: 100</p> <p>FY 08 Grow the Army: \$ 12,798 SUAS Systems: 100</p> <p>Total FY 08: \$ 33,480 200</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: SMALL UNMANNED AERIAL SYSTEM (SUAS) (B00303)				Weapon System Type:		Date: February 2007	
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
SMALL UNMANNED AERIAL VEHICLE BASE													
SUAV													
Small Systems Hardware Cost		13262	106	125	7360	64	115	14773	100	148	21166	145	146
Program Management		415			200			500			406		
System Test and Evaluation		14			3			55			81		
Fielding		635			320			429			1393		
Spares													
Data		14			10			27			40		
Logistics Support		1105			448								
ECP / Mods		488			170			651			1105		
Total Hardware Cost		15933			8511			16435			24191		
Government Furnished Equipment		399			422			636			941		
Program Management (Government)		978			512			1033			1393		
Engineering		491			180			712			398		
Logistics		427			180			770			398		
OGA		266			139			475			204		
Operations		318			180			475			202		
Fielding		140			35			146			129		
Total Government Cost		3019			1648			4247			3665		
GROW THE ARMY													
Hardware Cost								12000	100	120			
Data								88					
Government Furnished Equipment								710					
Total Grow the Army Cost								12798					
Total SUAS Cost		18952			10159			33480			27856		
Total:		18952			10159			33480			27856		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: SMALL UNMANNED AERIAL SYSTEM (SUAS) (B00303)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Small Systems Hardware Cost											
FY 2007	AERO VIRONMENT SIMI VALLEY, CA		FFP/CPFF	AMCOM	Jan 07	May 07	64	115	Y	N/A	N/A
FY 2008	AERO VIRONMENT SIMI VALLEY, CA		FFP/CPFF	AMCOM	Jan 08	May 08	100	148	Y	N/A	N/A
FY 2008	AERO VIRONMENT SIMI VALLEY, CA		FFP/CPFF	AMCOM	Jan 08	May 08	100	120	Y	N/A	N/A
FY 2009	AERO VIRONMENT SIMI VALLEY, CA		FFP/CPFF	AMCOM	Jan 09	May 09	145	146	Y	N/A	N/A
REMARKS:											

Exhibit P-40, Budget Item Justification Sheet										Date: February 2007	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature DIGITAL TOPOGRAPHIC SPT SYS (DTSS) (MIP) (KA2550)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	191.1	57.1	30.6	38.9	20.7						338.4
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	191.1	57.1	30.6	38.9	20.7						338.4
Initial Spares											
Total Proc Cost	191.1	57.1	30.6	38.9	20.7						338.4
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The Digital Topographic Support System (DTSS) provides digital terrain analysis and map updates to commanders and weapons platforms in support of mission planning (e.g., imagery exploitation, Cover and Concealment, other Intelligence Preparation Battlespace (IPB)), rehearsal (e.g., 3D fly through, simulations) and execution (e.g., Common Operating Picture, route planning). The DTSS automates terrain analysis and visualization, data base development, updates, management, dissemination, and graphics reproduction. The Combat Terrain Information Systems (CTIS) Modernization Plan emphasizes the development of a combined, integrated, tactically deployable, fully autonomous terrain analysis and graphics reproduction capability. CTIS consists of the Digital Topographic Support System-Light (DTSS-L) (HMMWV), DTSS-Deployable (DTSS-D), DTSS-Base (DTSS-B) and the High Volume Map Production (HVMP) equipment. The DTSS-L is a highly mobile sheltered system which is capable of supporting a full range of military operations, as well as peacetime stability and support operations. The DTSS-D provides a Commercial Off the Shelf (COTS) configuration in transit cases that is capable of operating all of the terrain analysis software. The DTSS-D consists of transportable workstations and peripherals that can be set up to augment the tactical configurations. The DTSS-D does not include tactically deployable shelters and vehicles or tactical communications. The DTSS-B was procured in response to an initiative to develop the capability to generate terrain information over sparsely mapped areas to support contingency, mission rehearsal and training operations. The DTSS-B is designed to augment National Geospatial-Intelligence Agency (NGA) capabilities at the Echelons above Corps (EAC) level by providing quick response data generation, special purpose mapping, and terrain analysis. The DTSS-B includes a component that is capable of handling National Technical Means (NTM) information in a secure environment. The HVMP provides a tactical capability to rapidly reproduce large volumes of digital topographic materiel. HVMP is capable of reproducing information from a variety of digital and hardcopy sources via direct digital interfaces. Additionally, an institutional training classroom environment for all DTSS configurations has been delivered to the NGA School of Geospatial-Intelligence (TSG)(formerly the Defense Mapping School). TSG provides critical MOS specific training on the operation of CTIS developed systems. CTIS systems operate within the Battle Command System architecture and are deployed from Brigade through EAC, Stryker Brigades and Special Forces Groups.</p> <p>Justification: FY08/09 will procure the DTSS-D, DTSS-L, DTSS-B, and HVMP. CTIS systems to be fielded to Army Engineer Terrain Teams at Brigade through Echelons Above Corps, Stryker Brigades, and Special Forces Groups. FY08 Grow the Army will procure 5 DTSS light and 2 DTSS deployable</p> <p>FY 2008 Base Appropriation: \$34,604 FY 2008 Grow the Army: \$4,250</p>											

Exhibit P-40, Budget Item Justification Sheet		Date: February 2007
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment		P-1 Item Nomenclature DIGITAL TOPOGRAPHIC SPT SYS (DTSS) (MIP) (KA2550)
Program Elements for Code B Items:	Code:	Other Related Program Elements:
FY 2008 Total: \$38,854		

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: DIGITAL TOPOGRAPHIC SPT SYS (DTSS) (MIP) (KA2550)				Weapon System Type:		Date: February 2007	
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Hardware													
DTSS-Deployable	A	29025	129	225				3800	19	200			
Grow The Army (DTSS-Deployable)								400	2	200			
DTSS-Light	A	23511	48	490	13770	27	510	20718	42	493	9400	25	376
Grow The Army (DTSS-Light)								3750	5	750			
DTSS-Base	A				4425	3	1475	1275	1	1275			
HVMP	A				3600	6	600	800	4	200			
Hardware Total		52536			21795			30743			9400		
Engineering Support													
Design Engineering		800			1750			1450			1239		
Misc Out-of-House Engineering		600			1631			1331			1100		
Engineering Support Total		1400			3381			2781			2339		
Fielding													
Total Package Fielding Base		300			800			820			780		
New Equipment Training		370			1200			1030			980		
First Destination Transportation		200			600			650			600		
Fielding Total		870			2600			2500			2360		
Project Management and Administration		2030			2530			2530			2530		
Interim Contractor Support		300			300			300			300		
Institutional Training											3800		
Total:		57136			30606			38854			20729		

Exhibit P-5a, Budget Procurement History and Planning									Date: February 2007			
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: DIGITAL TOPOGRAPHIC SPT SYS (DTSS) (MIP) (KA2550)							
WBS Cost Elements:		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
DTSS-Deployable												
FY 2006		Northrup Grumman, Inc. Chantilly, VA		C/FP	USA Topo Eng Center	Jan 06	Mar 06	129	225	Yes		
FY 2008		TBS TBS		C/FP	USA Topo Eng Center			19	200	No		
Grow The Army (DTSS-Deployable)												
FY 2008		TBS TBS		C/FP	USA Topo Eng Center			2	200	No		
DTSS-Light												
FY 2006		Sechan Electronics Lititz, PA		C/FP	USA Topo Eng Center	Feb 06	May 07	48	490	Yes		
FY 2007		Sechan Electronics Lititz, PA		C/FP	USA Topo Eng Center	Jan 07	Jan 08	27	510	Yes		
FY 2008		TBS TBS		C/FP	USA Topo Eng Center			42	493	No		
FY 2009		TBS TBS		C/FP	USA Topo Eng Center			25	376	No		
Grow The Army (DTSS-Light)												
FY 2008		TBS TBS		C/FP	USA Topo Eng Center			5	750	No		
DTSS-Base												
FY 2007		Northrup Grumman, Inc. Chantilly, VA		C/FP	USA Topo Eng Center	Mar 07	Jun 07	3	1475	No		
FY 2008		TBS TBS		C/FP	USA Topo Eng Center			1	1275	No		
HVMP												
FY 2007		Sechan Electronics Lititz, PA		C/FP	USA Topo Eng Center	Jan 07	Jan 08	6	600	No		
FY 2008		TBS TBS		C/FP	USA Topo Eng Center			4	200	No		
REMARKS:												

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: center;">February 2007</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 2 / Communications and Electronics Equipment</small>						P-1 Item Nomenclature <small>DCGS-A (MIP) (BZ7316)</small>					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	39.6	39.3	65.2	147.6	112.2	167.2	150.1	160.2	164.6	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	39.6	39.3	65.2	147.6	112.2	167.2	150.1	160.2	164.6	Continuing	Continuing
Initial Spares											
Total Proc Cost	39.6	39.3	65.2	147.6	112.2	167.2	150.1	160.2	164.6	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: Advanced Intelligence, Surveillance and Reconnaissance (ISR) capabilities will form the knowledge backbone of the Future Force and enable all other capabilities. Distributed Common Ground System - Army (DCGS-A) is the ISR gateway to Joint, Interagency, Allied, Coalition, and National data, information, intelligence, and collaboration. It will provide access to theater and national intelligence collection, analysis, early warning and targeting capabilities in support of maneuver brigades and battalions. DCGS-A will vertically and horizontally synchronize ISR Task, Post, Process and Use (TPPU) efforts; and operate in a networked environment at multiple security levels. DCGS-A emphasizes the use of reach and split based operations to improve accessibility to data and reduce forward footprint. DCGS-A provides a single integrated ISR ground processing system composed of joint common components that are interoperable with sensors, other information sources, all Battlefield Operating Systems (BOS), and the DoD DCGS Family of Systems. DCGS-A software and hardware is tailored by echelon and scaleable to the requirements of each mission, task, and purpose. The core functions of DCGS-A are: receipt and processing of space, airborne, ground and maritime ISR sensor data; control of select Army and joint ISR sensor systems; intelligence synchronization; ISR planning; reconnaissance and surveillance (R&S) integration; fusion of sensor information, and direction and distribution of relevant red (threat), gray (non-aligned), and environmental (weather and terrain) information. DCGS-A will combine and replace the ground processing capabilities of eleven current force systems with a common, integrated capability that is fully interoperable with both the Future Net Centric Enterprise Services (NCES) and FCS System of Systems Core Operating Environment (SOSCOE). DCGS-A will be fielded in fixed and mobile configurations, and Government provided software embedded in other Army Weapon Systems.</p> <p>DCGS-A is focused on improving and accelerating the decision-action cycle and providing the means for commanders at all levels to achieve situational understanding and unified action through a common operational picture (COP) tailored to the force, mission, and situation. Combined with other battlefield functional area capabilities, this will allow Army commanders and joint warfighters to be aware of friendly forces, enemy forces, the environment, and to understand the consequences as each interact - the essence of the Army's vision and requirements for network centric warfare. A key objective of DCGS-A is to reduce forward deployed footprint, executing the preponderance of ISR processing and exploitation from Fixed Sites. An early DCGS-A initiative, Fixed Sites directly support tactical Commanders through reach and split based operations. This program procures components supporting the DCGS-A Fixed Sites such as the implementation of the National Geospatial-Intelligence Agency (NGA) directed Future Imagery Architecture and the DCGS Integrated Backbone (DIB), enabling real time interoperability and data sharing with other DOD and National Intelligence Communities. Additionally, components of the Joint Intelligence Operational Capability-Iraq (JIOC-I) Quick Reaction Capability Initiative have been integrated into DCGS-A.</p> <p>Justification: FY08/09 procures components for DCGS-A Fixed Sites, initial DCGS-A Mobile systems, Basic Analyst Laptops (BALs) for ASAS-L displacement, and modifications to Programs of Record (POR)</p>											

Exhibit P-40, Budget Item Justification Sheet		Date: February 2007
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment		P-1 Item Nomenclature DCGS-A (MIP) (BZ7316)
Program Elements for Code B Items:	Code:	Other Related Program Elements:
<p>to serve as Interim Sets prior to fielding of DCGS-A Mobile systems.</p> <p>FY08 Grow the Army procures four additional DCGS-A Mobile systems (V4) and two additional CI&I Ops systems.</p> <p>FY08 Base Appropriation: \$114,842</p> <p>FY08 Grow the Army: \$ 32,788</p> <p>FY08 Total: \$147,630</p>		

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: DCGS-A (MIP) (BZ7316)				Weapon System Type:		Date: February 2007		
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Mods/Support of Current Force Systems		13106			24000			22919			17905		
Modification/Enhancements of Fixed Sites		13542			10998			12963			9041		
Manufacturing of V4 Mobile Systems Base								24772	5	4954	24221	3	8074
Manufacturing of V4 Mobile Sys (GTA)								32704	2	16352			
Basic Analyst Laptop (BAL) (SW only)								6755	847	8	8735	847	10
Software Licenses					3276			6050			4880		
FIA		4700			4888			3094			1105		
Fielding		1769			15747			16382			18023		
Training		5250			1820			17760			26775		
CI&I Ops for DCGS-A Modularity - Base		960	24	40	4432	69	64	4147	75	55	1542	26	59
CI&I Ops for DCGS-A Modularity - (GTA)								84	2	42			
Total:		39327			65161			147630			112227		

Exhibit P-5a, Budget Procurement History and Planning									Date: February 2007		
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: DCGS-A (MIP) (BZ7316)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Manufacturing of V4 Mobile Systems Base											
FY 2008	Northrop Grumman Linthicum, MD		CPAF	Ft. Belvoir	Feb 08	Jul 08	5	4954			
FY 2009	Northrop Grumman Linthicum, MD		CPAF	Ft. Belvoir	Feb 09	Jul 09	3	8074			
Manufacturing of V4 Mobile Sys (GTA)											
FY 2008	Northrop Grumman Linthicum, MD		CPAF	Ft. Belvoir	Feb 08	Jul 08	2	16352			
Basic Analyst Laptop (BAL) (SW only)											
FY 2008	General Dynamics Taunton, MA		FFP	Ft. Monmouth	Feb 08	May 08	847	8			
FY 2009	General Dynamics Taunton, MA		FFP	Ft. Monmouth	Feb 09	May 09	847	10			
CI&I Ops for DCGS-A Modularity - Base											
FY 2007	TAMSCO Eatontown, NJ		C/FFP	Ft. Monmouth	Mar 07	May 07	69	64			
FY 2008	TAMSCO Eatontown, NJ		C/FFP	Ft. Monmouth	Mar 08	May 08	75	55			
FY 2009	TAMSCO Eatontown, NJ		C/FFP	Ft. Monmouth	Mar 09	May 09	26	59			
CI&I Ops for DCGS-A Modularity - (GTA)											
FY 2008	TAMSCO Eatontown, NJ		C/FFP	Ft. Monmouth	Mar 08	May 08	2	42			
REMARKS:											

FY 06 / 07 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE DCGS-A (MIP) (BZ7316)										Date: February 2007									
COST ELEMENTS						Fiscal Year 06										Fiscal Year 07										Later			
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06										Calendar Year 07													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G
Manufacturing of V4 Mobile Systems Base																													
1	FY 08	A	7	0	7																								7
1	FY 09	A	3	0	3																								3
Basic Analyst Laptop (BAL) (SW only)																													
3	FY 08	A	847	0	847																								847
3	FY 09	A	847	0	847																								847
CI&I Ops for DCGS-A Modularity - Base																													
2	FY 06	A	40	0	40						A		20	20															0
2	FY 07	A	69	0	69																	A		20	20	20	9		0
2	FY 08	A	77	0	77																								77
2	FY 09	A	26	0	26																								26
Total			1916		1916								20	20										20	20	20	9		1807
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS														
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																	
1	Northrop Grumman, Linthicum, MD					1	2	3		1	Initial	0	3	4	7														
										Reorder	0	0	0	0															
2	TAMSCO, Eatontown, NJ					10	20	30		2	Initial	0	6	2	8														
3	General Dynamics, Taunton, MA					100	200	250			Reorder	0	6	2	8														
										3	Initial	0	4	3	7														
											Reorder	0	4	3	7														
											Initial																		
											Reorder																		
											Initial																		
											Reorder																		

FY 08 / 09 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE DCGS-A (MIP) (BZ7316)										Date: February 2007														
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 08											Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Manufacturing of V4 Mobile Systems Base																																		
1	FY 08	A	7	0	7					A					2	2	2	1												0				
1	FY 09	A	3	0	3																A					2	1			0				
Basic Analyst Laptop (BAL) (SW only)																																		
3	FY 08	A	847	0	847					A			200	200	200	200	47													0				
3	FY 09	A	847	0	847																A			200	200	200	200	47		0				
CI&I Ops for DCGS-A Modularity - Base																																		
2	FY 06	A	40	40																										0				
2	FY 07	A	69	69																										0				
2	FY 08	A	77	0	77					A		20	20	20	17															0				
2	FY 09	A	26	0	26																A		20	6						0				
Total			1916	109	1807								220	220	222	219	49	1							220	206	202	201	47					
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
1	Northrop Grumman, Linthicum, MD					1	2	3		1	Initial	0	3	4	7																			
										2	Reorder	0	0	0	0																			
2	TAMSCO, Eatontown, NJ					10	20	30		2	Initial	0	6	2	8																			
3	General Dynamics, Taunton, MA					100	200	250			Reorder	0	6	2	8																			
										3	Initial	0	4	3	7																			
											Reorder	0	4	3	7																			
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature CI HUMINT INFO MANAGEMENT SYSTEM (CHIMS) (MIP) (BK5275)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	73.4	7.6	19.6	26.6	35.1	10.2	12.5	10.5	10.5		206.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	73.4	7.6	19.6	26.6	35.1	10.2	12.5	10.5	10.5		206.0
Initial Spares											
Total Proc Cost	73.4	7.6	19.6	26.6	35.1	10.2	12.5	10.5	10.5		206.0
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The Counterintelligence/Human Intelligence (CI/HUMINT) Management System (CHIMS) is the Army's premier tactical CI/HUMINT system. It provides automation support for Army tactical CI/HUMINT information collection, investigation, interrogation, operations, document exploitation, language translation, biometrics, force protection and intelligence analysis. The CHIMS automation architecture extends from the individual Tactical HUMINT Team soldier or CI agent to the Corps and Division Analysis and Control Element (ACE). At the tactical team level, CI/HUMINT teams require two types of automation support. The AN/PYQ-3 CI/HUMINT Automated Tool Set (CHATS) provides a Team Leader device that interfaces with the All Source Analysis System (ASAS) Light, CI&I OPS workstation and individual CI/HUMINT agents/collectors device. The AN/PYQ-8 Individual Tactical Reporting Tool (ITRT) provides a hand held automated collection and processing device for individual agent operations .</p> <p>Both systems provide automation capabilities to collect, manage, receive, store and export text, map, electronic data, and digital imagery and sound information. These systems also prepare, process and disseminate standard reports, messages, and intelligence related files.</p> <p>Justification: FY08/09 will procure Counter-Intelligence/Human Intelligence Automation Tool Sets (CHATS) and Individual Tactical Reporting Tools (ITRTs) to support the training requirement of Forces Command in preparing Reserve Component soldiers in support of Operations Enduring and Iraqi Freedom. CHATS/ITRT provides HUMINT collector's mission automation for collection, reporting, and production of critical information.</p> <p>FY08 Grow the Army funds 5 CHATS V3 and 6 ITRT</p> <p>FY 2008 Appropriation: \$26.310M FY 2008 Grow the Army: \$ 0.276M FY 2008 Total: \$26.586M</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment					P-1 Line Item Nomenclature: CI HUMINT INFO MANAGEMENT SYSTEM (CHIMS) (MIP) (BK5275)					Weapon System Type:		Date: February 2007	
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09			
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	
Hardware														
--CHATS V3		4070	102	39.9	11411	286	39.9	16160	405	39.9	22943	575	39.9	
--ITRT		2713	266	10.2	5192	509	10.2	6375	625	10.2	7456	731	10.2	
SBCT Hardware														
--SBCT CHATS V3		144	4	36.0										
--SBCT ITRT		80	8	10.0										
Grow the Army (GTA) Hardware														
--GTA CHATS V3								200	5	39.9				
--GTA ITRT								60	6	10.0				
Other														
Total Package Fielding (TPF) / Software		438			2349			3074			3879			
Total Package Fielding (TPF)Software GTA								10						
CTSF								701			809			
CTSF (GTA)								6						
Program Support		147			673									
Total:		7592			19625			26586			35087			

Exhibit P-5a, Budget Procurement History and Planning									Date: February 2007			
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: CI HUMINT INFO MANAGEMENT SYSTEM (CHIMS) (MIP) (BK5275)							
WBS Cost Elements:		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
--CHATS V3												
FY 2006		TAMSCO Eatontown, NJ		C/FFP	CECOM	Dec 05	Jun 06	102	40			
FY 2007		TBD		C/FFP	CECOM	Dec 06	Jun 07	286	40			
FY 2008		TBD		C/FFP	CECOM	Jan 07	Jun 08	405	40			
FY 2009		TBD		C/FFP	CECOM	Jan 08	Jun 09	575	40			
--ITRT												
FY 2006		TAMSCO Eatontown, NJ		C/FFP	CECOM	Dec 05	Jun 06	266	10			
FY 2007		TBD		C/FFP	CECOM	Dec 06	Jun 07	509	10			
FY 2008		TBD		C/FFP	CECOM	Jan 07	Jun 08	625	10			
FY 2009		TBD		C/FFP	CECOM	Jan 08	Jun 09	731	10			
--SBCT CHATS V3												
FY 2006		TAMSCO Eatontown, NJ		C/FFP	CECOM	Jan 05	Jun 06	4	36			
--SBCT ITRT												
FY 2006		TAMSCO Eatontown, NJ		C/FFP	CECOM	Nov 05	May 06	8	10			
--GTA CHATS V3												
FY 2008		TBD		C/FFP	CECOM			5	40			
--GTA ITRT												
FY 2008		TBD		C/FFP	CECOM			6	10			
REMARKS:												

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature ITEMS LESS THAN \$5.0M (MIP) (BK5278)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	171.4	72.7	37.6	23.4	20.4	12.9	14.0			Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	171.4	72.7	37.6	23.4	20.4	12.9	14.0			Continuing	Continuing
Initial Spares											
Total Proc Cost	171.4	72.7	37.6	23.4	20.4	12.9	14.0			Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: This budget line supports procurement of TROJAN Special Purpose Integrated Remote Intelligence Terminals (TROJAN SPIRIT) for the Stryker Brigades, Special Operations Forces, and Modular Force units. Also funds for the Army National Guard Wideband Imagery Dissemination System. Funds USFK intelligence infrastructure upgrades (through FY07 only).</p> <p>TROJAN SPIRIT provides the Current Force, Stryker Brigades, SOF, and Modular Force units with dedicated, secure, high capacity, SCI-high intelligence data processing and communications. It provides a rapidly deployable, multi-level security, processor-to-processor, high capacity communications capability, and supports tactical to strategic reach-back, essential to split-based operations.</p> <p>Justification: FY08/09 procures, integrates, and fields TS LITE systems for Modular Force Units and Special Operations Forces.</p> <p>FY08 Funding for Grow the Army provides: One TROJAN SPIRIT for AC IBCT standing up for FY08 Two TROJAN SPIRIT for BfSB HQ standing up for FY08</p> <p>FY 2008 Base Appropriation: \$17,903 FY 2008 Grow The Army: \$ 5,519 FY 2008 Total \$23,422</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: ITEMS LESS THAN \$5.0M (MIP) (BK5278)				Weapon System Type:		Date: February 2007		
OPA2 Cost Elements		ID CD	FY 06		FY 07			FY 08			FY 09			
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
TROJAN SPIRIT LITE (V)														
Hardware SBCT						3482	3	1161						
Hardware, Army Modularity Transformation			39865	32	1246	21178	17	1246	15697	12	1308	17855	13	1373
Hardware SOF			12970	24	540	1081	2	541	567	1	567	596	1	596
Integration/Fielding			5430			2895			1639			1935		
United States Force Korea			1480			983								
Army NG Wideband Imag Dis Sys			4000			7968								
TROJAN SPIRIT P3I			9000											
NG virtual, low-cost infra pilot program														
INSCOM Intelligence Tech Management														
Hardware, Grow the Army									5519	3	1840			
Total:			72745			37587			23422			20386		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007		
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: ITEMS LESS THAN \$5.0M (MIP) (BK5278)							
WBS Cost Elements:		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Hardware SBCT												
FY 2007		GLOBAL SATCOM (Hardware SBCT) Gaithersburg, MD		IDIQ	Ft. Monmouth	Feb 07	Jul 07	3	1161	yes	n/a	awarded
FY 2007		MTC (Hardware, Army Mod Trans) Neptune, NJ		IDIQ	Ft. Monmouth	Feb 07	Jun 07	1	100	yes	n/a	awarded
Hardware, Army Modularity Transformation												
FY 2007		GLOBAL SATCOM,(Hardware Mod) Gaithersburg, MD		IDIQ	Ft. Monmouth	Feb 07	Jul 07	17	1246	yes	n/a	awarded
FY 2007		MTC (Hardware, Army Mod Trans) Neptune, NJ		IDIQ	Ft. Monmouth	Feb 07	Jun 07	17	100	yes	n/a	awarded
FY 2008		GLOBAL SATCOM,(Hardware Mod) Gaithersburg, MD		IDIQ	Ft. Monmouth	Feb 08	Jul 08	12	1308	yes	n/a	awarded
FY 2008		MTC (Hardware, Army Mod Trans) Neptune, NJ		IDIQ	Ft. Monmouth	Feb 08	Jun 08	12	100	yes	n/a	awarded
FY 2009		GLOBAL SATCOM,(Hardware Mod) Gaithersburg, MD		IDIQ	Ft. Monmouth	Feb 09	Jul 09	13	1373	yes	n/a	awarded
FY 2009		MTC (Hardware, Army Mod Trans) Neptune, NJ		IDIQ	Ft. Monmouth	Feb 09	Jun 09	13	100	yes	n/a	awarded
Hardware SOF												
FY 2007		Global SATCOM, (Hardware SOF) Gaithersburg, MD		IDIQ	Ft. Monmouth	Feb 07	Jul 07	2	541	yes	n/a	awarded
FY 2008		Global SATCOM, (Hardware SOF) Gaithersburg, MD		IDIQ	Ft. Monmouth	Feb 08	Jul 08	1	567	yes	n/a	awarded
FY 2009		Global SATCOM, (Hardware SOF) Gaithersburg, MD		IDIQ	Ft. Monmouth	Feb 09	Jul 09	1	596	yes	n/a	awarded
Hardware, Grow the Army												
FY 2008		GLOBAL SATCOM (Hardware SBCT) Gaithersburg, MD		IDIQ	Ft. Monmouth	Feb 08	Jul 08	3	1840	yes	n/a	awarded
REMARKS:												

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature LIGHTWEIGHT COUNTER MORTAR RADAR (B05201)					
Program Elements for Code B Items: PE 0604823A L86			Code: B		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty		161	37	81	40	76	71	62	64		592
Gross Cost	25.0	94.6	16.3	49.2	44.1	34.0	34.5	35.3	36.1	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	25.0	94.6	16.3	49.2	44.1	34.0	34.5	35.3	36.1	Continuing	Continuing
Initial Spares											
Total Proc Cost	25.0	94.6	16.3	49.2	44.1	34.0	34.5	35.3	36.1	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C		0.6	0.4	0.6	1.1	0.4	0.5	0.6	0.6	Continuing	Continuing
<p>Description: The Lightweight Counter Mortar Radar (LCMR) provides 360 degrees of azimuth coverage and will be used to detect, locate, and report locations of enemy indirect firing systems. It will cover a range of 500 meters to 10 kilometers and provide observed fires from friendly units. LCMR shall be a digitally connected, day/night mortar, cannon, and rocket locating system. The approved acquisition strategy is based on a spiral enhancement to the existing LCMR which was fielded to Operation Iraqi Freedom (OIF) as a Limited Procurement Urgent (LPU) capability.</p> <p>Justification: FY08/09 procures seventy-one (71) and forty (40) respectively LCMR systems. FY08 Grow the Army funding procures ten (10) LCMR systems.</p> <p>FY2008 Base Appropriation: \$43,893 (61) QTY FY2008 Grow the Army : \$ 5,304 (10) QTY FY2008 TOTAL: \$49,197 (71) QTY</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: LIGHTWEIGHT COUNTER MORTAR RADAR (B05201)			Weapon System Type:		Date: February 2007		
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Hardware (LCMR (V)2) (Base)		45870	161	285	11620	37	314	22933	71	323			
Hardware (LCMR (V)3)											21489	40	537
Hardware (Non Recurring Engineering)		8000									3079		
Ancillary Items		2700			310			607			800		
Engineering Change Orders								1695			1585		
Testing		6000			581			3743			1810		
Integrated Logistics Support		7500			177			1754			3326		
Training		10500			350			3597			3137		
Interim Contractor Support		10068			1967			5622			5054		
Program Management Support		3456			705			2823			2881		
Contractor System Engineering		544			550			1119			890		
Base Appropriation		94638			16260			43893			44051		
Hardware (LCMR (V)2) (GTA)								3230	10	323			
Ancillary Items								86					
Engineering Change Orders								197					
Testing								162					
Integrated Logistics Support								306					
Training								510					
Interim Contractor Support								485					
Contractor System Engineering								328					
FY2008 Grow the Army								5304					
Total:		94638			16260			49197			44051		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: LIGHTWEIGHT COUNTER MORTAR RADAR (B05201)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Hardware (LCMR (V)2) (Base)											
FY 2006	SRC TEC North Syracuse, NY		SS/FFP	CECOM	Mar 06	Jan 07	161	285	No		
FY 2007	SRC TEC North Syracuse, NY		SS/FFP	CECOM	Jun 07	Dec 07	37	314	No		
FY 2008	SRC TEC North Syracuse, NY		SS/FFP	CECOM	Nov 07	May 08	71	323	No		
Hardware (LCMR (V)3)											
FY 2009	SRC TEC North Syracuse, NY		SS/FFP	CECOM	Nov 08	May 09	40	537	No		
Hardware (LCMR (V)2) (GTA)											
FY 2008	SRC TEC North Syracuse, NY		SS/FFP	CECOM	Nov 07	May 08	10	323	No		
REMARKS:											

FY 06 / 07 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE LIGHTWEIGHT COUNTER MORTAR RADAR (B05201)										Date: February 2007														
COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 06											Calendar Year 07														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Hardware (LCMR (V)2) (Base)																																		
1	FY 06	A	161	0	161							A										7	7	8	13	15	19	20	20	20	32			
1	FY 07	A	37	0	37																					A				37				
1	FY 08	A	71	0	71																									71				
Hardware (LCMR (V)3)																																		
1	FY 09	A	40	0	40																									40				
Hardware (LCMR (V)2) (GTA)																																		
1	FY 08	A	10	0	10																									10				
Total			319		319																	7	7	8	13	15	19	20	20	20	190			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	SRC TEC, North Syracuse, NY	1	8	20		1	Initial	0	5	10	15																						
							Reorder	0	0	6	6																							
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											

FY 08 / 09 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE LIGHTWEIGHT COUNTER MORTAR RADAR (B05201)										Date: February 2007										
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 08											Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Hardware (LCMR (V)2) (Base)																																		
1	FY 06	A	161	129	32	11	11	10																						0				
1	FY 07	A	37	0	37			1	11	11	11	3																		0				
1	FY 08	A	71	0	71		A						11	11	11	11	11	11	5											0				
Hardware (LCMR (V)3)																																		
1	FY 09	A	40	0	40													A									8	8	8	8	8	0		
Hardware (LCMR (V)2) (GTA)																																		
1	FY 08	A	10	0	10		A						1	1	1	1	1	1	1	4											0			
Total			319	129	190	11	11	11	11	11	11	3	12	12	12	12	12	12	9								8	8	8	8	8			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR 1		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct			
1	SRC TEC, North Syracuse, NY	1	8	20			Initial	0	5	10	15	
						Reorder	0	0	6	6		
						Initial						
						Reorder						
						Initial						
						Reorder						
						Initial						
						Reorder						

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment					P-1 Item Nomenclature NIGHT VISION DEVICES (KA3500)						
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	71763	130063	87735	120642	84487	67095	76776	72829	12713	Continuing	Continuing
Gross Cost	2283.9	539.9	326.2	425.7	359.5	472.2	494.0	462.9	136.3	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	2283.9	539.9	326.2	425.7	359.5	472.2	494.0	462.9	136.3	Continuing	Continuing
Initial Spares											
Total Proc Cost	2283.9	539.9	326.2	425.7	359.5	472.2	494.0	462.9	136.3	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Continuing	Continuing

Description:
Night Vision Devices (KA3500) is a summary budget line including the following programs:
(1) K36400 - Helmet Mounted Enhanced Vision Device - The AN/PVS-14 Monocular Night Vision Device (MNVD) is a lightweight, head or helmet-mounted night vision goggle consisting of a single objective lens assembly, state-of-the-art image intensifier technology, and an eyepiece lens assembly. The ENVG is a lightweight device providing soldiers a passive sensor, fused electro-optical night vision device with the ability to engage and execute Close Combat (including Military Operations on Urban Terrain (MOUT)), Combat Support, and Combat Service Support operations in all light levels, adverse weather, and battlefield obscurant conditions. ENVG will provide improved situational awareness over existing night vision goggles.
(2) K35000 - Multi-functional Aiming Light is a lightweight, weapon mounted and boresighted aiming light. The line also includes the AN/PEQ-2 Infrared Target Pointer/Infrared Aiming Light (ITPIAL). The aiming light output is visible only when used with a night vision goggle, such as the AN/PVS-14. Additionally, this line includes funding for the Small Tactical Optical Rifle Mounted Micro-Laser Range Finder (STORM MLRF). STORM provides a visible aiming light used for alignment, crowd control, and MOUT operations.
(3) K31300 - AN/VAS-5 Driver's Vision Enhancer (DVE) provides drivers of combat and tactical wheeled vehicles with the capability of continuing operations during conditions of darkness or degraded visibility. The DVE is designed to provide low-cost thermal imagery that increases the user's mobility in moderate rain, snow, or fog, either day or night, and in battlefield obscurants (dust or smoke). The DVE provides situational awareness, vehicle tracking, and allows combat and combat support elements to move as an integrated force.
(4) B53800 - Laser Target Locator System. is an integrated, eyesafe laser rangefinder with Compass/Vertical Angle Measurement and digital data display. Current funding will support the procurement of Laser Target Locating Systems.
(5) K41500 - AN/PVS-10 Sniper Night Sight (SNS) is an integrated day/night third generation image intensifier system that mounts on the existing rail of the M24 sniper rifle and can be adapted to mount on other sniper weapons. The SNS provides the sniper with the capability to acquire and engage targets at extended ranges during day and night. This SSN also procures thermal sights for mounting on the M107 Long Range Sniper Rifle.

Justification:
FY2008 and FY 2009 funds will continue procurement of AN/PVS-14, ENVG, AN/PEQ-2A, STORM, Thermal Sights for the Long Range Sniper Rifle, Laser Target Locating Systems and AN/VAS-5 DVE systems.

FY06/07 totals include supplemental funding of \$398.3 million and \$160.5 million respectively, to support the global war on terrorism (GWOT).

Exhibit P-40, Budget Item Justification Sheet		Date: February 2007
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment		P-1 Item Nomenclature NIGHT VISION DEVICES (KA3500)
Program Elements for Code B Items:	Code:	Other Related Program Elements:
<p>The FY2008 base program includes an increase of \$147.102 million for Grow the Army requirements. This increase will be used for the procurement of additional AN/PAS-13 TWS, AN/PVS-14 MNVD, LRSNS, AN/PED-1, MARK VII, AN/PEQ-15 ATPIAL, and AN/VAS-5 DVE systems.</p> <p>FY2008 Base Appropriations: \$278.641 Million FY2008 Grow the Army: \$147.102 Million FY2008 Total \$425.743 Million</p>		

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: NIGHT VISION DEVICES (KA3500)			Weapon System Type:		Date: February 2007			
OPA2 Cost Elements		ID	FY 06			FY 07			FY 08			FY 09		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Base														
Helmet Mounted Enhanced Vision Device			281404			231553			231419			321917		
Multi-functional Aiming Light			49010			29838			29274			21690		
Night Vision, Driver's Vision Enhancer			27080			42868			3000					
Night Vision, Sniper Night Sight			8070			18174			14948			15893		
Laser Target Locator System			174346			3801								
Grow the Army														
Helmet Mtd Enhanced Vision Dev									57528					
Multi-functional Aiming Light									9671					
Driver's Vision Enhancer									12175					
Sniper Night Sight									746					
Laser Target Locator System									66982					
Total:			539910			326234			425743			359500		

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Laser Target Locator Systems (B53800)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	15077	5319	44								20440
Gross Cost	287.4	174.3	8.9	67.0		27.6	26.8	68.2			660.4
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	287.4	174.3	8.9	67.0		27.6	26.8	68.2			660.4
Initial Spares											
Total Proc Cost	287.4	174.3	8.9	67.0		27.6	26.8	68.2			660.4
Flyaway U/C											
Weapon System Proc U/C	0.0	0.0	0.2								0.3
<p>Description: This program provides funding to procure Commercial Off the Shelf (COTS) Laser Target Locating Systems (LTLS) to address operational shortcomings of the AN/PVS-6, Mini Eye-Safe Laser Infrared Observation Set (MELIOS). The LTLS is a hand held device that determines range, azimuth and vertical angle to a target and digitally transmits the data to a Global Positioning System (GPS) receiver for calculation of target grid coordinates. The GPS receiver can be either internal or external to the LTLS. LTLS also digitally transmits data to fire support C4I systems for digital transmission of call for fire. These systems also employ both external or internal image intensification or thermal night sights, which provide the Soldier a distinct advantage during battlefield situations.</p> <p>Justification: FY2008 funds procures Laser Target Locator Systems to support the Grow The Army initiative. Systems will be fielded in accordance with DA priority listing.</p> <p>The FY2008 base program includes an increase of \$66.982 million for Grow the Army requirements. This increase will be used for the procurement and fielding of 1,272 MARK VII LTLS systems.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment			P-1 Line Item Nomenclature: Laser Target Locator Systems (B53800)			Weapon System Type:		Date: February 2007			
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
BASE													
VECTOR 21		8683	442	19.645	1984	101	19.644						
MARK VII		103479	3595	28.784									
MARK VII/E		57963	834	69.500									
Project Management Admin		1670			1357								
Engineering Support		160			95								
Fielding		2292			156								
Testing		13			75								
ECO		86			33								
Integrated Logistics Support					101								
GROW THE ARMY													
MARK VII								57270	1272	45.024			
Project Management Admin								1674					
Engineering Support								2009					
Fielding								2679					
Testing								1340					
ECO								670					
Integrated Logistics Support								1340					
Total:		174346			3801			66982					

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: Laser Target Locator Systems (B53800)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
VECTOR 21											
FY 2006	Ashbury, Int'l Group Sterling, VA		C/IDIQ	RMAC	Jan 06	Apr 06	442	19	Yes		
FY 2007	Ashbury, Int'l Group Sterling, VA		C/IDIQ	RMAC	Dec 06	Mar 07	101	19	Yes		
MARK VII											
FY 2006	Northrop Grumman (Mark VII) Apopka, FL		C/IDIQ	RMAC	Apr 06	Oct 08	3595	29	Yes		
MARK VII/E											
FY 2006	Northrop Grumman (Mark VII/E) Apopka, FL		C/IDIQ	RMAC	Jan 06	Aug 07	843	70	Yes		
GROW THE ARMY											
FY 2008	TBS TBD		C/IDIQ	RMAC	Mar 08	Dec 08	1272	45	Yes		
REMARKS:											

<div> <div> FY 06 / 07 BUDGET PRODUCTION SCHEDULE </div> <div> P-1 ITEM NOMENCLATURE Laser Target Locator Systems (B53800) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06														Calendar Year 07														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
MARK VII/E																																		
3	FY 06	A	843	0	843				A																	20	25	798						
VECTOR 21																																		
1	FY 06	A	442	0	442				A			50	100		100		50	142										0						
1	FY 07	A	101	0	101														A			72	29					0						
MARK VII																																		
2	FY 06	A	3595	0	3595							A																3595						
Grow the ARMY																																		
4	FY 08	A	1272	0	1272																							1272						
Total			6253		6253							50	100		100		50	142				72	29			20	25	5665						
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS MFR production lead times vary based on the MFR's business base.																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	Ashbury, Int'l Group, Sterling, VA								6	5	6	11																					
	2	Northrop Grumman (Mark VII), Apopka, FL								1	3	6	9																					
	3	Northrop Grumman (Mark VII/E), Apopka, FL								1	3	6	9																					
	4	TBS, TBD								6	5	18	23																					
										1	3	6	9																					
										6	6	9	15																					
										1	3	6	9																					

FY 08 / 09 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE Laser Target Locator Systems (B53800)										Date: February 2007									
COST ELEMENTS						Fiscal Year 08										Fiscal Year 09										Later			
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08										Calendar Year 09													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G
MARK VII/E																													
3	FY 06	A	843	45	798	40	40	50	60	60	80	90	101	100	87	90													0
VECTOR 21																													
1	FY 06	A	442	442																								0	
1	FY 07	A	101	101																								0	
MARK VII																													
2	FY 06	A	3595	0	3595				300	300	300	300	300	300	300	300	300	300	300	295								0	
Grow the ARMY																													
4	FY 08	A	1272	0	1272						A									5	200	200	200	150	150	150	150	67	0
Total			6253	588	5665	40	40	50	360	360	380	390	401	400	387	390	300	300	300	300	200	200	200	150	150	150	150	67	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS														
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																	
	1	Ashbury, Int'l Group, Sterling, VA		200	500	120	1	Initial	6	5	6	11																	
								Reorder	1	3	6	9																	
	2	Northrop Grumman (Mark VII), Apopka, FL	50	80	300	120	2	Initial	6	5	19	24																	
								Reorder	1	3	6	9																	
	3	Northrop Grumman (Mark VII/E), Apopka, FL	10	75	150	120	3	Initial	6	5	18	23																	
									Reorder	1	3	6	9																
	4	TBS, TBD	50	80	300	120	4	Initial	6	6	9	15																	
									Reorder	1	3	6	9																
							Initial																						
								Reorder																					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment					P-1 Item Nomenclature DRIVER VISION ENHANCER (DVE) (K31300)						
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	2266	1777	680	430						Continuing	Continuing
Gross Cost	47.7	27.1	42.9	15.2						Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	47.7	27.1	42.9	15.2						Continuing	Continuing
Initial Spares											
Total Proc Cost	47.7	27.1	42.9	15.2						Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C	0.0	0.0	0.1	0.0						Continuing	Continuing
<p>Description: The Driver's Vision Enhancer (DVE) is an uncooled thermal imaging system developed for use on combat and tactical wheeled vehicles. The DVE allows for tactical movement of combat vehicles in support of their operational missions in all environmental conditions (day/night and all weather). DVE facilitates rapid mobility providing enhanced driving capability during limited visibility conditions (darkness, smoke, dust, fog) enabling rapid combat operations and rapid movement/turn-around-time of supplies to forward deployed units. Addressing these mobility requirements increases the combat effectiveness of military forces.</p> <p>Justification: The FY2008 base funds provide for program management, engineering support and fielding support required in FY08.</p> <p>The FY2008 base program includes an increase of \$12.175 million for Grow the Army requirements. This increase will be used for the procurement and fielding of DVE systems.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment			P-1 Line Item Nomenclature: DRIVER VISION ENHANCER (DVE) (K31300)			Weapon System Type:		Date: February 2007				
OPA2 Cost Elements		ID	FY 06			FY 07			FY 08			FY 09		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
BASE														
AN/VAS-5 Driver's Vision Enhancer		A	17810	1777	10	6672	680	10						
Ancillary Equipment			6935			22561								
Program Management Admin			509			1149			750					
Engineering Support			1527			3448			2250					
Engineering Change Orders						800								
Testing														
Fielding			299			8238								
Grow the Army														
AN/VAS-5 Driver's Vision Enhancer									4730	430	11			
Ancillary Equipment									3397					
Program Management Admin									750					
Engineering Support									2250					
Fielding									1048					
Total:			27080			42868			15175					

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: February 2007</div> </div>											
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: DRIVER VISION ENHANCER (DVE) (K31300)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
BASE AN/VAS-5 Driver's Vision Enhancer <div> <div>FY 2006</div> <div>DRS Melbourne, FL</div> <div>C/FPM3-3</div> <div>CECOM</div> <div>Nov 05</div> <div>Sep 06</div> <div>233</div> <div>10</div> <div>Yes</div> </div> <div> <div>FY 2006</div> <div>DRS Melbourne, FL</div> <div>C/FPM3-3</div> <div>CECOM</div> <div>Feb 06</div> <div>Dec 07</div> <div>760</div> <div>10</div> <div>Yes</div> </div> <div> <div>FY 2006</div> <div>DRS Melbourne, FL</div> <div>C/FPM3-3</div> <div>CECOM</div> <div>Jul 06</div> <div>May 07</div> <div>259</div> <div>10</div> <div>Yes</div> </div> <div> <div>FY 2006</div> <div>DRS Melbourne, FL</div> <div>C/FPM3-3</div> <div>CECOM</div> <div>Sep 06</div> <div>Jul 07</div> <div>525</div> <div>10</div> <div>Yes</div> </div> <div> <div>FY 2007</div> <div>DRS Melbourne, FL</div> <div>C/FPM3-4</div> <div>CECOM</div> <div>Nov 06</div> <div>Sep 07</div> <div>680</div> <div>10</div> <div>Yes</div> </div> <div> <div>Grow the Army</div> <div>FY 2008</div> <div>DRS Melbourne, FL</div> <div>C/FFP</div> <div>CECOM</div> <div>Nov 07</div> <div>Sep 08</div> <div>430</div> <div>11</div> <div>Yes</div> </div>											
REMARKS:											

FY 05 / 06 BUDGET PRODUCTION SCHEDULE																														P-1 ITEM NOMENCLATURE DRIVER VISION ENHANCER (DVE) (K31300)										Date: February 2007									
COST ELEMENTS						Fiscal Year 05														Fiscal Year 06														Later															
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 05														Calendar Year 06																													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																				
AN/VAS-5 Driver's Vision Enhancer																																																	
1	FY 06	A	233	0	233															A									20	213																			
1	FY 06	A	760	0	760																	A								760																			
2	FY 06	A	259	0	259																					A				259																			
2	FY 06	A	525	0	525																							A		525																			
3	FY 07	A	680	0	680																									680																			
3	FY 06	OTH	3383	0	3383																					58	62	62	62	3139																			
4	FY 07	OTH	1681	0	1681																									1681																			
Grow the Army																																																	
1	FY 08	A	430	0	430																								54	376																			
Total			7951		7951																					58	62	62	136	7633																			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																				
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS - OTHER is comprised of Stryker, M56, Abrams, Combat Systems, FMS, and USMC funded requirements. - Manufacturers 1 through 4 were used to display varying lead times. - Awards for OTHER in FY06 represents actual multiple awards during the fiscal year. Deliveries are aggregates for each of these awards and each delivery schedule is for twelve months or less, however the aggregate delivery schedule appears longer than the twelve month delivery period.																																		
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																																					
	1	DRS, Melbourne, FL					50	400	435		1	Initial	0	1																10	11																		
											Reorder	0	4	10																14																			
	2	DRS, Melbourne, FL					50	400	435		2	Initial	0	9																10	19																		
											Reorder	0	11	10																21																			
	3	DRS, Melbourne, FL					50	400	435		3	Initial	0	2																10	12																		
												Reorder	0	0																0	0																		
	4	DRS, Melbourne, FL					50	400	435		4	Initial	0	5																4	9																		
												Reorder	0	1																10	11																		
										5	Initial	0	1	9	10																																		
											Reorder	0	0	0	0																																		

FY 07 / 08 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE DRIVER VISION ENHANCER (DVE) (K31300)										Date: February 2007											
COST ELEMENTS						Fiscal Year 07												Fiscal Year 08												Later	
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 07												Calendar Year 08													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
AN/VAS-5 Driver's Vision Enhancer																															
1	FY 06	A	233	20	213	20	20	20	20	19	19	19	19	19	19														0		
1	FY 06	A	760	0	760			63	63	63	63	63	63	63	64	64	64	64											0		
2	FY 06	A	259	0	259								2	2	2	2	20	33	33	33	33	33	33	33					0		
2	FY 06	A	525	0	525										43	43	43	44	44	44	44	44	44	44	44	44			0		
3	FY 07	A	680	0	680		A										56	56	56	56	57	57	57	57	57	57	57	57	0		
3	FY 06	OTH	3383	244	3139	62	62	69	56	56	56	99	247	253	251	256	273	234	234	190	191	184	184	178	4				0		
4	FY 07	OTH	1681	0	1681	A										72	115	140	140	140	142	142	142	142	175	142	128	35	26	0	
Grow the Army																															
1	FY 08	A	430	54	376														A										376		
Total			7951	318	7633	82	82	152	139	138	138	181	331	337	378	456	571	571	571	463	467	460	460	454	280	243	185	92	26	376	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR			ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS - OTHER is comprised of Stryker, M56, Abrams, Combat Systems, FMS, and USMC funded requirements. - Manufacturers 1 through 4 were used to display varying lead times. - Awards for OTHER in FY06 represents actual multiple awards during the fiscal year. Deliveries are aggregates for each of these awards and each delivery schedule is for twelve months or less, however the aggregate delivery schedule appears longer than the twelve month delivery period.														
						Prior 1 Oct	After 1 Oct																								
	1	DRS, Melbourne, FL					50	400	435		1	Initial		0	1	10															11
												Reorder		0	4	10															14
	2	DRS, Melbourne, FL					50	400	435		2	Initial		0	9	10															19
												Reorder		0	11	10															21
	3	DRS, Melbourne, FL					50	400	435		3	Initial		0	2	10															12
												Reorder		0	0	0															0
	4	DRS, Melbourne, FL					50	400	435		4	Initial		0	5	4															9
												Reorder		0	1	10															11
											5	Initial		0	1	9	10														
												Reorder		0	0	0	0														

<div> <div> FY 09 / 10 BUDGET PRODUCTION SCHEDULE </div> <div> P-1 ITEM NOMENCLATURE DRIVER VISION ENHANCER (DVE) (K31300) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 09														Fiscal Year 10														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 09														Calendar Year 10														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
AN/VAS-5 Driver's Vision Enhancer																																		
1	FY 06	A	233	233																							0							
1	FY 06	A	760	760																							0							
2	FY 06	A	259	259																							0							
2	FY 06	A	525	525																							0							
3	FY 07	A	680	680																							0							
3	FY 06	OTH	3383	3383																							0							
4	FY 07	OTH	1681	1681																							0							
Grow the Army																																		
1	FY 08	A	430	54	376	54	54	54	54	54	53	53															0							
Total			7951	7575	376	54	54	54	54	54	53	53																						
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS - OTHER is comprised of Stryker, M56, Abrams, Combat Systems, FMS, and USMC funded requirements. - Manufacturers 1 through 4 were used to display varying lead times.																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	DRS, Melbourne, FL					50	400	435		1	Initial	0	1		10	11																	
											Reorder	0	4	10		14																		
	2	DRS, Melbourne, FL					50	400	435		2	Initial	0	9		10	19																	
											Reorder	0	11	10		21																		
	3	DRS, Melbourne, FL					50	400	435		3	Initial	0	2		10	12																	
												Reorder	0	0		0	0																	
	4	DRS, Melbourne, FL					50	400	435		4	Initial	0	5		4	9																	
												Reorder	0	1		10	11																	
										5	Initial	0	1	9	10																			
											Reorder	0	0	0	0																			

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: center;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Multi-Function Aiming Light (K35000)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	108094	43494	23955	23650	16164	15881	11429	3379	524	Continuing	Continuing
Gross Cost	111.9	49.0	62.0	38.9	21.7	22.3	18.7	45.2	7.0	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	111.9	49.0	62.0	38.9	21.7	22.3	18.7	45.2	7.0	Continuing	Continuing
Initial Spares											
Total Proc Cost	111.9	49.0	62.0	38.9	21.7	22.3	18.7	45.2	7.0	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Continuing	Continuing
<p>Description: The AN/PEQ-2A is a small, lightweight IR aiming light with the additional capability of an IR illuminator. It is capable of being used as a hand held device and capable of mounting on most small arms, individual and crew served weapon systems (M4, M16, M249, M240B, M2, MK19, etc.). The AN/PEQ-15/15a is the improved versions of the AN/PEQ-2A, which are smaller, lighter and have the additional capability of a visible (red) laser. The AN/PEQ-2A and the AN/PEQ-15/15a are compatible with Night Vision Goggles (AN/PVS-7B/D, AV/PVS-14, and Enhanced Night Vision Goggles). The Small Tactical Optical Rifle Mounted (STORM) micro-Laser Range Finder (mLRF)(AN/PSQ-23) provides capability similar to the AN/PEQ-2A plus a visible aim laser for use in crowd control, Military Operations on Urbanized Terrain (MOUT) operations and daylight; and a digital magnetic compass and laser range finder for determination of far target location. The AN/PSQ-23 provides Soldiers with a responsive means of addressing targets within the range of organic direct fire and indirect fire weapon systems.</p> <p>Justification: FY2008 and FY 2009 procure Aiming Lights for units deploying in support of Operation Iraqi Freedom, Operation Enduring Freedom, and the Global War on Terrorism (GWOT). These systems will also support the Army's Modularity Initiative and Stryker Brigade Combat Teams.</p> <p>The FY2008 base program includes an increase of \$9.671 million for Grow the Army requirements. This increase will be used for the procurement of 12,088 AN/PEQ-15 systems.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: Multi-Function Aiming Light (K35000)			Weapon System Type:		Date: February 2007			
OPA2 Cost Elements		ID CD	FY 06			FY 07			FY 08			FY 09		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
BASE		A												
BASE - TPIAL (PEQ-2A)			14561	24110	0.604	11614	19832	0.586	10810	13512	0.800	7862	9828	0.800
BASE - ATPIAL (PEQ-15)			24249	33115	0.732	11744	15999	0.734	16214	20268	0.800	11793	14741	0.800
BASE - STORM (AN/PSQ-23)			5960	440	13.545									
Program Management Support			1397			2035			1596			1280		
Fielding						375			255			320		
Engineering Change Orders (ECO)			638			455			156			182		
Testing			253			315			243			253		
Laser Borelights			1952											
Hand Held Tactical Flashlights						3300								
GROW THE ARMY														
GTA - ATPIAL (PEQ-15)								9671	12088	0.800				
Total:			49010			29838			38945			21690		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: Multi-Function Aiming Light (K35000)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
BASE - TPIAL (PEQ-2A)											
FY 2006	Insight Technology (PEQ-2A) Londonderry, NH		C/FP	RMAC	Mar 06	Apr 06	14110	0.604	Yes		
FY 2006	Insight Technology (PEQ-2A) Londonderry, NH		C/FP	RMAC	Jul 06	Aug 06	10000	0.604	Yes		
FY 2007	Insight Technology (PEQ-2A) Londonderry, NH		C/FP	RMAC	Nov 06	Dec 06	19832	0.586	Yes		
FY 2008	Insight Technology (PEQ-2A) Londonderry, NH		C/FP	RMAC	Nov 07	Dec 07	13512	0.800	Yes		
FY 2009	Insight Technology (PEQ-2A) Londonderry, NH		C/FP	RMAC	Nov 08	Dec 08	9828	0.800	Yes		
BASE - ATPIAL (PEQ-15)											
FY 2006	Insight Technology (ATPIAL) Londonderry, NH		C/FP	RMAC	Oct 05	Jun 06	13275	0.732	Yes		
FY 2006	Insight Technology (ATPIAL) Londonderry, NH		C/FP	RMAC	Aug 06	Jan 07	19840	0.732	Yes		
FY 2007	Insight Technology (ATPIAL) Londonderry, NH		C/FP	RMAC	Nov 06	Nov 07	15999	0.734	Yes		
FY 2008	Insight Technology (ATPIAL) Londonderry, NH		C/FP	RMAC	Nov 07	Jul 08	20268	0.800	Yes		
FY 2009	Insight Technology (ATPIAL) Londonderry, NH		C/FP	RMAC	Nov 08	Jul 09	14741	0.800	Yes		
BASE - STORM (AN/PSQ-23)											
FY 2006	Insight Technology (STORM) Londonderry, NH		C/FP	WSMR	Jun 06	Jan 07	440	13.545	Yes		
GTA - ATPIAL (PEQ-15)											
FY 2008	Insight Technology (ATPIAL) Londonderry, NH		C/FP	RMAC	Nov 07	Jul 08	12088	0.800	Yes		
REMARKS:											

FY 06 / 07 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE Multi-Function Aiming Light (K35000)										Date: February 2007						
COST ELEMENTS						Fiscal Year 06												Fiscal Year 07												Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06												Calendar Year 07												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
BASE - TPIAL (PEQ-2A)																														
1	FY 06	A	14110	0	14110						A	2000	2500	2500	2500	2500	2110												0	
1	FY 06	A	10000	0	10000										A	390	2500	2500	2500	2110									0	
1	FY 07	A	19832	0	19832														A	390	2500	2500	2500	2500	2500	2500	2500	1942	0	
1	FY 08	A	13512	0	13512																								13512	
1	FY 09	A	9828	0	9828																								9828	
BASE - ATPIAL (PEQ-15)																														
3	FY 06	A	13275	0	13275	A								875	1125	1375	1625	1875	2125	2400	1875								0	
3	FY 06	A	19840	0	19840											A					125	2000	2000	2000	2000	2000	2000	2000	3715	
3	FY 07	A	15999	0	15999														A										15999	
3	FY 08	A	20268	0	20268																								20268	
3	FY 09	A	14741	0	14741																								14741	
BASE - STORM (AN/PSQ-23)																														
2	FY 06	A	440	0	440									A								70	80	90	100	100			0	
GTA - ATPIAL (PEQ-15)																														
3	FY 08	A	12088	0	12088																								12088	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M F R	Name - Location								PRODUCTION RATES			Reached D+	MFR			ADMIN LEAD TIME		MFR After 1 Oct	TOTAL		REMARKS									
								MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct	After 1 Oct															
1	Insight Technology (PEQ-2A), Londonderry, NH								250	900	5000	120	2	Initial	6	6	1	7												
2	Insight Technology (STORM), Londonderry, NH								8	50	125	120		Reorder	1	1	1	2												
3	Insight Technology (ATPIAL), Londonderry, NH								250	900	5000	120	3	Initial	6	6	7	13												
														Reorder	1	1	7	8												
														Initial	6	6	8	14												
														Reorder	1	1	5	6												
														Initial																
														Reorder																
														Initial																
														Reorder																

<div> <div> FY 06 / 07 BUDGET PRODUCTION SCHEDULE </div> <div> P-1 ITEM NOMENCLATURE Multi-Function Aiming Light (K35000) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 06											Calendar Year 07														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Total			163933		163933							2000	2500	3375	3625	4265	6235	4375	4625	4900	4570	4580	4590	4600	4600	4500	4500	3942	2000	90151				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

M F R		Name - Location	PRODUCTION RATES			Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
			MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct			
	1	Insight Technology (PEQ-2A), Londonderry, NH	250	900	5000	120	1	Initial	6	6	1	7	
							Reorder	1	1	1	2		
	2	Insight Technology (STORM), Londonderry, NH	8	50	125	120	2	Initial	6	6	7	13	
							Reorder	1	1	7	8		
						3	Initial	6	6	8	14		
							Reorder	1	1	5	6		
							Initial						
							Reorder						
							Initial						
							Reorder						

FY 08 / 09 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE Multi-Function Aiming Light (K35000)										Date: February 2007											
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later	
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09															
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
BASE - TPIAL (PEQ-2A)																																			
1	FY 06	A	14110	14110																													0		
1	FY 06	A	10000	10000																													0		
1	FY 07	A	19832	19832																													0		
1	FY 08	A	13512	0	13512			A	1126	1126	1126	1126	1126	1126	1126	1126	1126	1126															0		
1	FY 09	A	9828	0	9828														A	1126	1126	1126	1126	1126	1126	1126	1126	1126	820				0		
BASE - ATPIAL (PEQ-15)																																			
3	FY 06	A	13275	13275																													0		
3	FY 06	A	19840	16125	3715	2000	1715																										0		
3	FY 07	A	15999	0	15999		285	2000	2000	2000	2500	2500	2500	2214																			0		
3	FY 08	A	20268	0	20268		A								1689	1689	1689	1689	1689	1689	1689	1689	1689	1689	1689	1689	1689					0			
3	FY 09	A	14741	0	14741														A										1228	1228	1228	11057			
BASE - STORM (AN/PSQ-23)																																			
2	FY 06	A	440	440																													0		
GTA - ATPIAL (PEQ-15)																																			
3	FY 08	A	12088	0	12088		A								1007	1007	1007	1007	1007	1007	1007	1007	1008	1008	1008	1008						0			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
M F R	Name - Location							PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																		
								MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																					
1	Insight Technology (PEQ-2A), Londonderry, NH							250	900	5000	120	1	Initial	6	6	1																			7
2	Insight Technology (STORM), Londonderry, NH							8	50	125	120	2	Initial	6	6	7																			13
3	Insight Technology (ATPIAL), Londonderry, NH							250	900	5000	120	3	Initial	6	6	7																			8
												3	Reorder	1	1	5																			6
													Initial																						
													Reorder																						
													Initial																						
													Reorder																						

<div> <div> FY 08 / 09 BUDGET PRODUCTION SCHEDULE </div> <div> P-1 ITEM NOMENCLATURE Multi-Function Aiming Light (K35000) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 08											Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Total				163933	73782	90151	2000	2000	3126	3126	3126	3626	3626	3626	3340	3822	3822	3822	3822	3822	3822	3822	3822	3823	3823	3823	3823	2354	2048	1228	11057			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS		
		MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct					
		1	Insight Technology (PEQ-2A), Londonderry, NH	250	900	5000	120	1	Initial	6	6		1	7
								Reorder	1	1	1		2	
		2	Insight Technology (STORM), Londonderry, NH	8	50	125	120	2	Initial	6	6		7	13
							Reorder	1	1	7	8			
						3	Initial	6	6	8	14			
							Reorder	1	1	5	6			
							Initial							
							Reorder							
							Initial							
							Reorder							

<div> <div> FY 10 / 11 BUDGET PRODUCTION SCHEDULE </div> <div> P-1 ITEM NOMENCLATURE Multi-Function Aiming Light (K35000) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10														Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
BASE - TPIAL (PEQ-2A)																																		
1	FY 06	A	14110	14110																								0						
1	FY 06	A	10000	10000																								0						
1	FY 07	A	19832	19832																								0						
1	FY 08	A	13512	13512																								0						
1	FY 09	A	9828	9828																								0						
BASE - ATPIAL (PEQ-15)																																		
3	FY 06	A	13275	13275																								0						
3	FY 06	A	19840	19840																								0						
3	FY 07	A	15999	15999																								0						
3	FY 08	A	20268	20268																								0						
3	FY 09	A	14741	3684	11057	1228	1228	1228	1228	1228	1228	1228	1228	1233														0						
BASE - STORM (AN/PSQ-23)																																		
2	FY 06	A	440	440																								0						
GTA - ATPIAL (PEQ-15)																																		
3	FY 08	A	12088	12088																								0						
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																		
						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																					
1	Insight Technology (PEQ-2A), Londonderry, NH					250	900	5000	120	1	Initial	6	6	1	7																			
										Reorder	1	1	1	2																				
2	Insight Technology (STORM), Londonderry, NH					8	50	125	120	2	Initial	6	6	7	13																			
3	Insight Technology (ATPIAL), Londonderry, NH					250	900	5000	120		Reorder	1	1	7	8																			
										3	Initial	6	6	8	14																			
											Reorder	1	1	5	6																			
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

<div> <div>FY 10 / 11 BUDGET PRODUCTION SCHEDULE</div> <div> <div>P-1 ITEM NOMENCLATURE</div> <div>Multi-Function Aiming Light (K35000)</div> </div> <div> <div>Date:</div> <div>February 2007</div> </div> </div>																																		
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 10											Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Total			163933	152876	11057	1228	1228	1228	1228	1228	1228	1228	1233																					
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

M F R		Name - Location	PRODUCTION RATES			Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
			MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct			
	1	Insight Technology (PEQ-2A), Londonderry, NH	250	900	5000	120	1	Initial	6	6	1	7	
							Reorder	1	1	1	2		
	2	Insight Technology (STORM), Londonderry, NH	8	50	125	120	2	Initial	6	6	7	13	
							Reorder	1	1	7	8		
						3	Initial	6	6	8	14		
							Reorder	1	1	5	6		
							Initial						
							Reorder						
							Initial						
							Reorder						

Exhibit P-40, Budget Item Justification Sheet										Date: February 2007	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Helmet Mounted Enhanced Vision Devices (K36400)					
Program Elements for Code B Items:			Code:		Other Related Program Elements: 64710 A DL67						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	266799	78868	61290	53372	67343	50629	64775	68201	11043	Continuing	Continuing
Gross Cost	1379.7	281.4	170.0	288.9	321.9	408.1	435.3	324.1	108.8	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	1379.7	281.4	170.0	288.9	321.9	408.1	435.3	324.1	108.8	Continuing	Continuing
Initial Spares											
Total Proc Cost	1379.7	281.4	170.0	288.9	321.9	408.1	435.3	324.1	108.8	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Continuing	Continuing
<p>Description: The AN/PVS-14 Monocular Night Vision Device (MNVD) is a lightweight, head or helmet-mounted night vision goggle consisting of a single objective lens assembly, state-of-the-art image intensifier technology, and an eyepiece lens assembly. The ENVG is a lightweight, helmet-mounted device consisting of a state-of-the-art image intensifier sensor, an uncooled long-wave infrared camera, and a miniature display to provide high resolution fused imagery to the individual Soldier. ENVG provides the Soldier with significantly improved situational awareness over existing image intensified devices in all light levels, adverse weather, and obscured battlefield conditions. The AN/PVS-14 and ENVG support the tactical level of war: enabling the individual Soldier to see, understand, and act first, permitting superior tactical mobility and decisive engagement during limited visibility conditions. ENVG will provide the ability to maintain battlefield dominance and to win the close-in fight with individual combatant overmatch, by allowing for operations under all visibility conditions and across the full spectrum of conflict and battlefield environments. Both systems support the Army's modularity initiative, which reorganizes our current capabilities in order to meet the combatant commander's mission requirement.</p> <p>Justification: FY2008 and FY 2009 procure a mixture of AN/PVS-14s and ENVGs. The AN/PVS-14s will fulfill night vision equipment shortages to Army Reserve and National Guard Units. The AN/PVS-14s will also provide the Stryker force the capability to dominate night operations by increasing situational awareness, mobility, and lethality during times of low light and night. The ENVGs will be fielded to Special Operators and other first to fight units.</p> <p>The FY2008 base program includes an increase of \$57.528 million for Grow the Army requirements. This increase will be used for the procurement and fielding of 19,290 AN/PVS-14 MNVD systems.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment					P-1 Line Item Nomenclature: Helmet Mounted Enhanced Vision Devices (K36400)			Weapon System Type:		Date: February 2007		
	OPA2 Cost Elements	ID CD	FY 06 Total Cost Qty Unit Cost			FY 07 Total Cost Qty Unit Cost			FY 08 Total Cost Qty Unit Cost			FY 09 Total Cost Qty Unit Cost	
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
BASE	A												
BASE - AN/PVS-14		258932	75185	3.444	223231	78337	2.850	131252	44100	2.976	161763	48781	3.316
ENVG		10643	1005	10.590				73462	9081	8.090	112702	15029	7.499
Engineering Support		300			3172			11544			22059		
Project Management Admin		3878			1147			3848			7352		
Fielding		1885			891			8649			13997		
Testing		77			512			528			2044		
Contractor Logistics Support		689						2136			2000		
Mini IR Mx-2		5000			2600								
GROW THE ARMY													
AN/PVS-14							57408	19290	2.976				
Fielding							120						
Total:		281404			231553			288947			321917		

Exhibit P-5a, Budget Procurement History and Planning									Date: February 2007			
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: Helmet Mounted Enhanced Vision Devices (K36400)							
WBS Cost Elements:		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
BASE - AN/PVS-14												
FY 2006		ITT ROANOKE, VA		C/IDIQ	WSMR	Jan 06	Sep 06	12334	3	Yes		
FY 2006		ITT ROANOKE, VA		C/IDIQ	WSMR	Feb 06	Dec 06	12971	3	Yes		
FY 2006		ITT ROANOKE, VA		C/IDIQ	WSMR	Jun 06	Jun 07	2046	3	Yes		
FY 2006		ITT ROANOKE, VA		C/IDIQ	WSMR	Jul 06	Jun 07	26240	3	Yes		
FY 2006		Northrop Grumman TEMPE, AZ		C/IDIQ	WSMR	Dec 05	Apr 07	6042	3	Yes		
FY 2006		Northrop Grumman TEMPE, AZ		C/IDIQ	WSMR	Mar 06	Jun 07	6169	3	Yes		
FY 2006		Northrop Grumman TEMPE, AZ		C/IDIQ	WSMR	Jun 06	Jul 07	1443	3	Yes		
FY 2006		Northrop Grumman TEMPE, AZ		C/IDIQ	WSMR	Jul 06	Sep 07	7756	3	Yes		
FY 2007		ITT ROANOKE, VA		C/IDIQ	RMAC	Nov 06	Jan 08	58022	3	Yes		
FY 2007		Northrop Grumman TEMPE, AZ		C/IDIQ	RMAC	Nov 06	Oct 07	16661	3	Yes		
FY 2007		ITT ROANOKE, VA		C/IDIQ	RMAC	Jul 07	Sep 08	2171	3	Yes		
FY 2007		Northrop Grumman TEMPE, AZ		C/IDIQ	RMAC	Jul 07	Jan 08	1483	3	Yes		
FY 2008		ITT ROANOKE, VA		C/IDIQ	RMAC	Dec 07	Nov 09	30751	3	Yes		
FY 2008		Northrop Grumman TEMPE, AZ		C/IDIQ	RMAC	Dec 07	Jan 09	13349	3	Yes		
FY 2009		ITT ROANOKE, VA		C/IDIQ	RMAC	Dec 08	Dec 09	29649	3	Yes		
FY 2009		Northrop Grumman TEMPE, AZ		C/IDIQ	RMAC	Dec 08	Dec 09	19132	3	Yes		
ENVG												
FY 2006		ITT		C/IDIQ	RMAC	Jan 06	Jan 07	1005	11	Yes		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: Helmet Mounted Enhanced Vision Devices (K36400)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2008	ROANOKE, VA		C/IDIQ	RMAC	Dec 07	Jan 09	9081	8	Yes		
FY 2009	ITT ROANOKE, VA		C/IDIQ	RMAC	Dec 08	Jan 10	15029	8	Yes		
GROW THE ARMY											
FY 2008	ITT ROANOKE, VA		C/IDIQ	RMAC	Dec 07	Sep 09	13449	3	Yes		
FY 2008	Northrop Grumman TEMPE, AZ		C/IDIQ	RMAC	Dec 07	Jan 09	5841	3	Yes		
REMARKS:											

FY 06 / 07 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE Helmet Mounted Enhanced Vision Devices (K36400)										Date: February 2007											
COST ELEMENTS						Fiscal Year 06										Fiscal Year 07														Later	
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06										Calendar Year 07															
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
AN/PVS-14																															
1	FY 06	A	12334	0	12334					A							1200	1300	1300	1300	2200	700						1584	1584	1166	0
1	FY 06	A	12971	0	12971						A									200	200	300	1000	1000	1000	1000	1000	1000	1000	2000	4271
1	FY 06	A	26240	0	26240										A												397	397	396	285	24765
1	FY 06	A	2046	0	2046									A													170	170	170	170	1366
2	FY 06	A	6042	0	6042				A																1503	2300	2239				0
2	FY 06	A	6169	0	6169						A																361	2130	2130	1548	0
2	FY 06	A	1443	0	1443									A														78	78	129	1158
2	FY 06	A	7756	0	7756										A															458	7298
1	FY 06	ANG	3025	0	3025									A													200	200	200	200	2225
2	FY 06	ANG	2110	0	2110									A														109	109	182	1710
1	FY 06	AR	282	0	282									A																	282
1	FY 06	MC	14067	0	14067									A													193	193	194	194	13293
1	FY 06	MC	262	0	262											A															262
1	FY 07	A	58022	0	58022															A											58022
2	FY 07	A	16661	0	16661															A											16661
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR			ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS														
					MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct																				
1	ITT, ROANOKE, VA					550	1600	7400	120	1	Initial		4	3	14	17															
									Reorder		1	4	14	18																	
2	Northrop Grumman, TEMPE, AZ					400	1250	5400	120	2	Initial		4	3	11	14															
									Reorder		1	0	6	6																	
										Initial																					
										Reorder																					
										Initial																					
										Reorder																					
										Initial																					
										Reorder																					

FY 06 / 07 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE Helmet Mounted Enhanced Vision Devices (K36400)										Date: February 2007														
COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 06												Calendar Year 07													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
1	FY 07	A	2171	0	2171																							A			2171			
2	FY 07	A	1483	0	1483																							A			1483			
1	FY 08	A	30751	0	30751																										30751			
2	FY 08	A	13349	0	13349																										13349			
1	FY 09	A	29649	0	29649																										29649			
2	FY 09	A	19132	0	19132																										19132			
PSQ20 (ENVG)																																		
1	FY 06	A	1005	0	1005					A																					1005			
1	FY 08	A	9081	0	9081																										9081			
1	FY 09	A	15029	0	15029																										15029			
GROW THE ARMY AN/PVS-14																																		
1	FY 08	A	13449	0	13449																										13449			
2	FY 08	A	5841	0	5841																										5841			
Total			310370		310370												1200	1300	1300	1500	2400	1000	1000	2503	3300	4560	5861	5861	6332	272253				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M	Name - Location								PRODUCTION RATES			Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS															
F									MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																		
R													1	Initial	4	3	14	17																
1	ITT, ROANOKE, VA								550	1600	7400	120	Reorder	1	4	14	18																	
2	Northrop Grumman, TEMPE, AZ								400	1250	5400	120	2	Initial	4	3	11	14																
													Reorder	1	0	6	6																	
													Initial																					
													Reorder																					
													Initial																					
													Reorder																					
													Initial																					
													Reorder																					

FY 08 / 09 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE Helmet Mounted Enhanced Vision Devices (K36400)										Date: February 2007									
COST ELEMENTS						Fiscal Year 08												Fiscal Year 09														Later	
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08												Calendar Year 09															
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
AN/PVS-14																																	
1	FY 06	A		12334	12334																								0				
1	FY 06	A		2046	680	1366	170	170	171	171	171	171	171																0				
1	FY 06	A		12971	8700	4271	2200	2071																					0				
1	FY 06	A		26240	1475	24765	1464	1964	2715	3725	3725	3724	3724	3724															0				
2	FY 06	A		6042	6042																								0				
2	FY 06	A		6169	6169																								0				
2	FY 06	A		1443	285	1158	129	129	129	129	129	128	128	128															0				
2	FY 06	A		7756	458	7298	664	664	664	664	663	663	663	663	663	663													0				
1	FY 06	ANG		3025	800	2225	263	263	263	263	263	263	384																0				
2	FY 06	ANG		2110	400	1710	190	190	190	190	190	190	190	190															0				
1	FY 06	AR		282	0	282			23	23	23	23	23	23	23	23	24	25	26										0				
1	FY 06	MC		14067	774	13293	1383	1444	1671	1759	1759	1759	1759	1759															0				
1	FY 06	MC		262	0	262								16	17	17	17	17	17	17	16	16	16	16	16	16	16	16	16	0			
1	FY 07	A		58022	0	58022				909	693	627	635	646	5770	5423	5480	5119	4902	4977	5210	5261	5361	5309	1700				0				
2	FY 07	A		16661	0	16661	1271	771	684	685	685	702	702	702	822	1422	1184	1772	1772	1772	1715								0				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
M	Name - Location								PRODUCTION RATES			Reached D+	MFR			ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS													
F									MIN	1-8-5	MAX					Prior 1 Oct	After 1 Oct																
R												1	Initial	4	3	14	17																
1	ITT, ROANOKE, VA								55016007400			120	Reorder	1	4	14	18																
2	Northrop Grumman, TEMPE, AZ								40012505400			120	Initial	4	3	11	14																
													Reorder	1	0	6	6																
													Initial																				
													Reorder																				
													Initial																				
													Reorder																				
													Initial																				
													Reorder																				

FY 08 / 09 BUDGET PRODUCTION SCHEDULE												P-1 ITEM NOMENCLATURE Helmet Mounted Enhanced Vision Devices (K36400)										Date: February 2007									
COST ELEMENTS						Fiscal Year 08												Fiscal Year 09												Later	
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08												Calendar Year 09													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
1	FY 07	A	2171	0	2171												180	181	181	181	181	181	181	181	181	181	181		0		
2	FY 07	A	1483	0	1483				121	121	121	121	121	121	121	121	121	121	122	151									0		
1	FY 08	A	30751	0	30751			A																				30751			
2	FY 08	A	13349	0	13349			A													1117	1117	1117	1117	1117	1117	1117	1117	3296		
1	FY 09	A	29649	0	29649															A								29649			
2	FY 09	A	19132	0	19132															A								19132			
PSQ20 (ENVG)																															
1	FY 06	A	1005	0	1005				70	75	80	80	80	85	85	90	90	90	90	90									0		
1	FY 08	A	9081	0	9081			A													757	757	757	757	757	757	757	757	2268		
1	FY 09	A	15029	0	15029															A								15029			
GROW THE ARMY AN/PVS-14																															
1	FY 08	A	13449	0	13449			A																			1121	12328			
2	FY 08	A	5841	0	5841			A													487	487	487	487	487	487	487	487	1458		
Total			310370	38117	272253	7734	7666	6510	8709	8498	8452	8459	8591	7818	7754	7578	7323	7108	7185	7364	7819	7919	7867	4258	2558	2558	2558	2558	3498	113911	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR			ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS														
					MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																			
1	ITT, ROANOKE, VA					550	1600	7400	120	1	Initial	4	3	14	17																
											Reorder	1	4	14	18																
2	Northrop Grumman, TEMPE, AZ					400	1250	5400	120	2	Initial	4	3	11	14																
											Reorder	1	0	6	6																
											Initial																				
											Reorder																				
											Initial																				
											Reorder																				
											Initial																				
											Reorder																				

<div> <div> FY 10 / 11 BUDGET PRODUCTION SCHEDULE </div> <div> P-1 ITEM NOMENCLATURE Helmet Mounted Enhanced Vision Devices (K36400) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10														Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
AN/PVS-14																																		
1	FY 06	A	12334	12334																							0							
1	FY 06	A	26240	26240																							0							
1	FY 06	A	12971	12971																							0							
1	FY 06	A	2046	2046																							0							
2	FY 06	A	6042	6042																							0							
2	FY 06	A	6169	6169																							0							
2	FY 06	A	1443	1443																							0							
2	FY 06	A	7756	7756																							0							
1	FY 06	ANG	3025	3025																							0							
2	FY 06	ANG	2110	2110																							0							
1	FY 06	AR	282	282																							0							
1	FY 06	MC	14067	14067																							0							
1	FY 06	MC	262	262																							0							
1	FY 07	A	58022	58022																							0							
2	FY 07	A	16661	16661																							0							
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached	MFR			ADMIN LEAD TIME		MFR		TOTAL		REMARKS															
					MIN	1-8-5	MAX	D+	1	Initial		Prior 1 Oct	After 1 Oct	After 1 Oct		After 1 Oct																		
1	ITT, ROANOKE, VA					550	1600	7400	120	1	Reorder		1	4	14		18																	
2	Northrop Grumman, TEMPE, AZ					400	1250	5400	120	2	Initial		4	3	11		14																	
											Reorder		1	0	6		6																	
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

<div> <div>FY 10 / 11 BUDGET PRODUCTION SCHEDULE</div> <div> <div>P-1 ITEM NOMENCLATURE</div> <div>Helmet Mounted Enhanced Vision Devices (K36400)</div> </div> <div> <div>Date:</div> <div>February 2007</div> </div> </div>																																		
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10														Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
1	FY 07	A	2171	2171																								0						
2	FY 07	A	1483	1483																								0						
1	FY 08	A	30751	0	30751		3030	2773	2772	2772	2772	2772	2772	2772	2772													0						
2	FY 08	A	13349	10053	3296	1117	1117	1062																				0						
1	FY 09	A	29649	0	29649			2696	2696	2696	2696	2695	2695	2695	2695	2695	2695											0						
2	FY 09	A	19132	0	19132			1300	1625	1625	1625	1625	1625	1625	1625	1625	1582											0						
PSQ20 (ENVG)																																		
1	FY 06	A	1005	1005																								0						
1	FY 08	A	9081	6813	2268	756	756	756																				0						
1	FY 09	A	15029	0	15029				1253	1253	1253	1253	1253	1252	1252	1252	1252	1252	1252									0						
GROW THE ARMY AN/PVS-14																																		
1	FY 08	A	13449	1121	12328	1121	1121	1121	1121	1121	1121	1121	1121	1121	1118													0						
2	FY 08	A	5841	4383	1458	487	487	484																				0						
Total			310370	196459	113911	3481	6511	10192	9467	9467	9467	9466	9466	9465	9465	9462	8344	5572	2834	1252														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location						PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																		
							MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																					
	1	ITT, ROANOKE, VA						550	1600	7400	120	1	Initial	4	3		14	17																
													Reorder	1	4		14	18																
	2	Northrop Grumman, TEMPE, AZ						400	1250	5400	120	2	Initial	4	3		11	14																
													Reorder	1	0		6	6																
													Initial																					
													Reorder																					
													Initial																					
													Reorder																					
												Initial																						
												Reorder																						

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature SNIPER NIGHT SIGHT (K41500)					
Program Elements for Code B Items:			Code:		Other Related Program Elements: 64710A DL67						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	61472	1130	1318	930	980	585	572	1249	1146	Continuing	Continuing
Gross Cost	198.5	8.1	42.5	15.7	15.9	14.3	13.1	25.5	20.5	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	198.5	8.1	42.5	15.7	15.9	14.3	13.1	25.5	20.5		354.0
Initial Spares											
Total Proc Cost	198.5	8.1	42.5	15.7	15.9	14.3	13.1	25.5	20.5	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Continuing	Continuing
<p>Description: The AN/PVS-10 Sniper Night Sight (SNS) is an integrated day/night system that mounts on the M24 sniper rifle and can be adapted to mount on other sniper weapons. The SNS utilizes passive third generation image intensification technology for night operations. The SNS for the .50 cal Long Range Sniper Rifle (LRSR) is a thermal sight. It utilizes second generation Foward Looking Infrared (FLIR) technology for operations at night or in limited visibility/obscured battlefield conditions. The SNS supports the tactical level of war enabling the individual sniper to see, understand, and act first. The SNS provides the sniper with the capability to acquire and engage targets at extended ranges during day and night. Without the night sight, the sniper will not have the capability to engage and eliminate threat snipers, materiel, and thin skinned armored vehicle targets under low light conditions. The night sight allows the Sniper to engage enemy vehicles, command and control centers, and other targets at an increased stand-off distance even during low light and night conditions, thus increasing the special operator's survivablity and lethality.</p> <p>Justification: FY2008 and FY 2009 procure night sights to mount on the .50 cal Long Range Sniper Rifle (LRSR) being fielded to the United States Army Active, Reserves, and National Guard Sniper teams.</p> <p>The FY2008 base program includes an increase of \$.746 million for Grow the Army requirements. This increase will be used for the procurement of 62 LRSNS systems.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: SNIPER NIGHT SIGHT (K41500)			Weapon System Type:		Date: February 2007			
	OPA2 Cost Elements	ID CD	FY 06 Total Cost Qty Unit Cost		FY 07 Total Cost Qty Unit Cost		FY 08 Total Cost Qty Unit Cost			FY 09 Total Cost Qty Unit Cost			
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
BASE													
Base - Night Sight (LRSNS)		7644	663	11.529	8316	693	12.000	8544	712	12.000	8544	712	12.000
Base - AN/PVS-10					6588	345	19.096	3269	143	22.860	4016	169	23.763
Program Management Admin		426			945			1196			1271		
Interim Contract Support					181			149			159		
Fielding					1784			1495			1589		
ECP					250			205			218		
Testing					110			90			96		
GROW THE ARMY (GTA)													
GTA - Night Sight (LRSNS)								746	62	12.032			
Total:		8070			18174			15694			15893		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: SNIPER NIGHT SIGHT (K41500)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Base - Night Sight (LRSNS) FY 2006 FY 2007 FY 2008 FY 2009	BAE Lexington, MA		C/FP	CECOM	Mar 06	Mar 07	663	12	Yes		
	DRS Melbourne, FL		C/FP	CECOM	Nov 06	Dec 07	693	12	Yes		
	TBD TBD		C/FP	RMAC	Dec 07	Dec 08	712	12	Yes		
	TBD TBD		C/FP	RMAC	Dec 08	Dec 09	712	12	Yes		
Base - AN/PVS-10 FY 2007 FY 2008 FY 2009	Northrop Grumman Garland, TX		SS/FP	RMAC	Apr 07	Apr 08	345	19	Yes		
	Northrop Grumman Garland, TX		SS/FP	RMAC	Dec 07	Dec 08	143	23	Yes		
	Northrop Grumman Garland, TX		SS/FP	RMAC	Dec 08	Dec 09	169	24	Yes		
GTA - Night Sight (LRSNS) FY 2008	TBD TBD		C/FP	RMAC	Dec 07	Dec 08	62	12	Yes		
REMARKS:											

<div> <div>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</div> <div> P-1 ITEM NOMENCLATURE SNIPER NIGHT SIGHT (K41500) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06														Calendar Year 07														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Base - Night Sight (LRSNS)																																		
1	FY 06	A	663	0	663						A												55	55	55	55	55	55	55	278				
2	FY 07	A	693	0	693														A											693				
3	FY 08	A	712	0	712																									712				
3	FY 09	A	712	0	712																									712				
Base - AN/PVS-10																																		
4	FY 07	A	345	0	345																			A						345				
4	FY 08	A	143	0	143																									143				
4	FY 09	A	169	0	169																									169				
GTA - Night Sight (LRSNS)																																		
3	FY 08	A	62	0	62																									62				
Total			3499		3499																		55	55	55	55	55	55	55	3114				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached	MFR			ADMIN LEAD TIME		MFR		TOTAL		REMARKS This program uses the TWS production line for the procurement of Long Range Sniper Night Sights (LRSNS).															
						MIN	1-8-5	MAX	D+	1	Initial	Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct																			
1	BAE, Lexington, MA					250	711	1800	210		Reorder	4	5	12	17																			
2	DRS, Melbourne, FL					250	1050	1700	210	2	Initial	4	1	13	14																			
3	TBD, TBD					250	1163	2000	210		Reorder	1	3	12	15																			
4	Northrop Grumman, Garland, TX					25	125	150	120	3	Initial	4	3	12	15																			
											Reorder	1	3	12	15																			
										4	Initial	6	6	12	18																			
											Reorder	1	3	12	15																			
											Initial																							
											Reorder																							

FY 08 / 09 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE SNIPER NIGHT SIGHT (K41500)										Date: February 2007										
COST ELEMENTS						Fiscal Year 08										Fiscal Year 09										Later				
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08										Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P
Base - Night Sight (LRSNS)																														
1	FY 06	A	663	385	278	55	55	55	55	58																			0	
2	FY 07	A	693	0	693			57	57	57	57	57	57	57	57	57	61	62											0	
3	FY 08	A	712	0	712			A											60	60	59	59	59	59	59	59	59	59	120	
3	FY 09	A	712	0	712													A											712	
Base - AN/PVS-10																														
4	FY 07	A	345	0	345							29	29	29	29	29	29	29	29	28	28	28							0	
4	FY 08	A	143	0	143			A											12	12	12	12	12	12	12	12	12	12	23	
4	FY 09	A	169	0	169													A											169	
GTA - Night Sight (LRSNS)																														
3	FY 08	A	62	0	62			A											7	7	6	6	6	6	6	6	6	6	0	
Total			3499	385	3114	55	55	112	112	115	57	86	86	86	86	86	90	91	108	107	105	105	77	77	77	77	77	77	1024	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS															
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																		
	1	BAE, Lexington, MA					250	711	1800	210	1	Initial	4	5		12	17													
												Reorder	1	3		10	13													
	2	DRS, Melbourne, FL					250	1050	1700	210	2	Initial	4	1		13	14													
												Reorder	1	3		12	15													
	3	TBD, TBD					250	1163	2000	210																				
	4	Northrop Grumman, Garland, TX					25	125	150	120	3	Initial	4	3		12	15													
												Reorder	1	3		12	15													
										4	Initial	6	6	12	18															
											Reorder	1	3	12	15															
											Initial																			
											Reorder																			

<div> <div>FY 10 / 11 BUDGET PRODUCTION SCHEDULE</div> <div> <div>P-1 ITEM NOMENCLATURE</div> <div>SNIPER NIGHT SIGHT (K41500)</div> </div> <div> <div>Date:</div> <div>February 2007</div> </div> </div>																																		
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10														Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Base - Night Sight (LRSNS)																																		
1	FY 06	A	663	663																								0						
2	FY 07	A	693	693																								0						
3	FY 08	A	712	592	120	60	60																					0						
3	FY 09	A	712	0	712			60	60	60	60	59	59	59	59	59	59	59	59									0						
Base - AN/PVS-10																																		
4	FY 07	A	345	345																								0						
4	FY 08	A	143	120	23	12	11																					0						
4	FY 09	A	169	0	169			15	14	14	14	14	14	14	14	14	14	14										0						
GTA - Night Sight (LRSNS)																																		
3	FY 08	A	62	62																								0						
Total			3499	2475	1024	72	71	75	74	74	74	73	73	73	73	73	73	73																
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	BAE, Lexington, MA					250	711	1800	210	1	Initial	4	5		12	17																	
												Reorder	1	3		10	13																	
	2	DRS, Melbourne, FL					250	1050	1700	210	2	Initial	4	1		13	14																	
												Reorder	1	3		12	15																	
	3	TBD, TBD					250	1163	2000	210	3	Initial	4	3		12	15																	
													Reorder	1		3	12	15																
	4	Northrop Grumman, Garland, TX					25	125	150	120	4	Initial	6	6		12	18																	
													Reorder	1		3	12	15																
											Initial																							
												Reorder																						

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM (K38300)					
Program Elements for Code B Items:			Code:		Other Related Program Elements: 0604710 DL74						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	653	216	379	313	247	178	178	102			2266
Gross Cost	331.1	122.0	178.9	159.5	131.2	105.5	106.5	65.5			1200.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	331.1	122.0	178.9	159.5	131.2	105.5	106.5	65.5			1200.2
Initial Spares											
Total Proc Cost	331.1	122.0	178.9	159.5	131.2	105.5	106.5	65.5			1200.2
Flyaway U/C											
Weapon System Proc U/C	0.5	0.6	0.5	0.5	0.5	0.6	0.6	0.6			4.4
<p>Description: The Long Range Advanced Scout Surveillance System (LRAS3) is a long range reconnaissance and surveillance system which operates in both a stationary vehicle mounted configuration and in an autonomous dismounted configuration. The LRAS3 is a multi-function, line-of-sight target acquisition common sensor suite which provides real-time target detection, recognition, and identification capability 24 hours a day in all weather conditions. LRAS3 also automatically determines Far Target Location (FTL) coordinates for any target ranged to by the operator. LRAS3 enables information superiority by interfacing with Force XXI Battle Command Brigade and Below (FBCB2) to provide target acquisition and FTL information. LRAS3 utilizes the Horizontal Technology Integration (HTI) Second Generation FLIR (SGF) thermal sensor, enabling 24 hour a day operation in adverse weather and penetration of battlefield obscurants. LRAS3 significantly increases the survivability of forces through its standoff capability, allowing them to continue their mission as the eyes of the maneuver commander on the battlefield. The LRAS3 program is one of the top priority systems of the US Army Armor Center and other Training and Doctrine Command (TRADOC) components that support the Transformation Force (Stryker Brigade Combat Team (SBCT)). Without LRAS3, US Army reconnaissance, surveillance and target acquisition elements do not have the necessary equipment to perform target acquisition and FTL functions around-the-clock and with sufficient performance capability to enable them to remain outside enemy engagement ranges. The LRAS3 is a key enabling technology for the SBCT and has been a critical combat overmatch capability for the Army units in combat in Iraq.</p> <p>Justification: FY2008 and FY2009 procure LRAS3s that will be fielded to the 1st Cavalry Division, 10th Mountain Division, five (5) Army National Guard (ARNG) Brigade Combat Teams (BCTs), 25th Infantry Division, 82nd Airborne Division, and 3rd Armored Cavalry Regiment.</p> <p>The FY2008 Base program includes an increase of \$29.539 million for Grow the Army requirements. This increase will be used to procure LRAS3s that will be fielded to two (2) Infantry Brigade Combat Teams (IBCTs).</p> <p>FY2008 Base Appropriation: \$ 129.951 Million FY2008 Grow the Army: \$ 29.538 Million FY2008 Total: \$ 159.489 Million</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM (K38300)			Weapon System Type:		Date: February 2007		
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Base													
Hardware		83928	216	389	145277	379	383	101328	259	391	102937	247	417
Engineering Support		3945			3263			3432			3482		
Project Management Admin		1315			1138			1144			1161		
Engineering Change Orders		3473			2562			2837			2879		
Testing		779			1331			1218			1235		
Fielding		6131			5079			4081			3973		
Initial Spares		22470			20223			15911			15533		
Base Subtotal		122041			178873			129951			131200		
GTA													
Hardware								21126	54	391			
Engineering Support								1106					
Project Management Admin								369					
Engineering Change Orders								914					
Testing								392					
Fielding								1314					
Initial Spares								4317					
GTA Subtotal								29538					
Total:		122041			178873			159489			131200		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007		
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM (K38300)							
WBS Cost Elements:		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Base												
FY 2006		Raytheon Systems Co. McKinney, TX		C/FPM4-4	CECOM	Dec 05	Feb 07	216	389	Yes		
FY 2007		Raytheon Systems Co. McKinney, TX		SS/FPM5-1	CECOM	Apr 07	Jun 08	379	383	Yes		
FY 2008 Base		Raytheon Systems Co. McKinney, TX		SS/FPM5-2	CECOM	Dec 07	Jun 09	259	391	Yes		
FY 2009		Raytheon Systems Co. McKinney, TX		SS/FPM5-3	CECOM	Dec 08	Jun 10	247	417	Yes		
GTA												
FY 2008		Raytheon Systems Co. McKinney, TX		ss/FPMS-3	CECOM	Dec 07	Mar 09	54	391	Yes		
REMARKS:												

FY 06 / 07 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM (K38300)										Date: February 2007										
COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 06											Calendar Year 07														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Base																																		
1	FY 06	A	216	0	216																	22	30	28		7	30	30	30	39				
2	FY 07	A	379	0	379																			A						379				
3	FY 08	A	259	0	259																									259				
4	FY 09	A	247	0	247																									247				
1	FY 06	OTH	160	0	160						A															29	23			108				
3	FY 07	OTH	108	0	108														A											108				
3	FY 08	OTH	51	0	51																									51				
GTA																																		
1	FY 08	A	54	0	54																									54				
Total			1474		1474																	22	30	28		29	30	30	30	30	1245			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR			ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS OTH - Other customer funded efforts include SBCT RV, SBCT FSV, and Knight. Manufacturer 1 was used to display varying lead times. Awards in FY06 for Army and Other represent actual multiple awards during the fiscal year. Deliveries are aggregates for each of these awards and each delivery schedule is for twelve months or less, however the aggregate delivery schedule appears to be longer than the twelve month delivery period.																	
					MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct																							
1	Raytheon Systems Co., McKinney, TX					5	30	35		1	Initial	0	2	14	16																			
											Reorder	0	2	14	16																			
2	Raytheon Systems Co., McKinney, TX					5	30	35		2	Initial	0	6	14	20																			
3	Raytheon Systems Co., McKinney, TX					5	30	35			Reorder	0	5	14	19																			
4	Raytheon Systems Co., McKinney, TX					5	30	35		3	Initial	0	2	18	20																			
											Reorder	0	4	14	18																			
										4	Initial	0	2	18	20																			
											Reorder	0	4	15	19																			
											Initial																							
											Reorder																							

FY 08 / 09 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM (K38300)										Date: February 2007										
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 08											Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Base																																		
1	FY 06	A		216	177	39	9				14	16																		0				
2	FY 07	A		379	0	379									26	35	35	35	35	35	35	35	25	24	24					0				
3	FY 08	A		259	0	259				A																22	22	22	22	171				
4	FY 09	A		247	0	247														A										247				
1	FY 06	OTH		160	52	108	21	30	30		16	1	10																	0				
3	FY 07	OTH		108	0	108						13	20	31	35	9														0				
3	FY 08	OTH		51	0	51				A													5	5	5	7	6	7	6	10				
GTA																																		
1	FY 08	A		54	0	54				A													5	6	6	6	7	6	7	11				
Total				1474	229	1245	30	30	30	30	30	30	31	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	439				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
M F R	Name - Location								PRODUCTION RATES			Reached D+	MFR			ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS OTH - Other customer funded efforts include SBCT RV, SBCT FSV, and Knight. Manufacturer 1 was used to display varying lead times. Awards in FY06 for Army and Other represent actual multiple awards during the fiscal year. Deliveries are aggregates for each of these awards and each delivery schedule is for twelve months or less, however the aggregate delivery schedule appears to be longer than the twelve month delivery period.														
								MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct																				
1	Raytheon Systems Co., McKinney, TX								5	30	35		1	Initial	0	2	14	16																
														Reorder	0	2	14	16																
2	Raytheon Systems Co., McKinney, TX								5	30	35		2	Initial	0	6	14	20																
3	Raytheon Systems Co., McKinney, TX								5	30	35			Reorder	0	5	14	19																
4	Raytheon Systems Co., McKinney, TX								5	30	35		3	Initial	0	2	18	20																
														Reorder	0	4	14	18																
													4	Initial	0	2	18	20																
														Reorder	0	4	15	19																
														Initial																				
														Reorder																				

FY 10 / 11 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE LONG RANGE ADVANCED SCOUT SURVEILLANCE SYSTEM (K38300)										Date: February 2007													
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later			
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 10														Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P								
Base																																					
1	FY 06	A		216	216																								0								
2	FY 07	A		379	379																								0								
3	FY 08	A		259	88	171	22	22	22	21	21	21	21	21															0								
4	FY 09	A		247	0	247									21	21	21	21	21	21	21	20	20	20	20	20			0								
1	FY 06	OTH		160	160																								0								
3	FY 07	OTH		108	108																								0								
3	FY 08	OTH		51	41	10	7	3																					0								
GTA																																					
1	FY 08	A		54	43	11	6	5																					0								
Total				1474	1035	439	35	30	22	21	21	21	21	21	21	21	21	21	21	21	20	20	20	20	20												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P								
M F R	Name - Location								PRODUCTION RATES			Reached D+	MFR			ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS OTH - Other customer funded efforts include SBCT RV, SBCT FSV, and Knight. Manufacturer 1 was used to display varying lead times. Awards in FY06 for Army and Other represent actual multiple awards during the fiscal year. Deliveries are aggregates for each of these awards and each delivery schedule is for twelve months or less, however the aggregate delivery schedule appears to be longer than the twelve month delivery period.																	
								MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct																							
1	Raytheon Systems Co., McKinney, TX								5	30	35	1	Initial	0	2	14	16																				
2	Raytheon Systems Co., McKinney, TX								5	30	35	2	Initial	0	6	14	20																				
3	Raytheon Systems Co., McKinney, TX								5	30	35	Reorder	0	5	14	19																					
4	Raytheon Systems Co., McKinney, TX								5	30	35	3	Initial	0	2	18	20																				
												Reorder	0	4	14	18																					
												4	Initial	0	2	18	20																				
												Reorder	0	4	15	19																					
													Initial																								
													Reorder																								

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature NIGHT VISION, THERMAL WPN SIGHT (K22900)					
Program Elements for Code B Items:			Code:		Other Related Program Elements: 64710A DL67						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										Continuing	Continuing
Gross Cost	575.2	180.8	208.7	333.0	209.6	182.2	186.5	81.6	70.0	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	575.2	180.8	208.7	333.0	209.6	182.2	186.5	81.6	70.0	Continuing	Continuing
Initial Spares											
Total Proc Cost	575.2	180.8	208.7	333.0	209.6	182.2	186.5	81.6	70.0	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: The AN/PAS-13 Thermal Weapon Sight (TWS) program supports the Army's objectives by increasing the individual Soldier's situational awareness, lethality, mobility and survivability during periods of significantly reduced visibility. The AN/PAS-13, TWS, is used with a variety of Infantry individual and crew served weapons. The TWS supports the tactical level of war enabling the individual Soldier to see, understand, and act first. The TWS program provides the Soldier with advanced imaging technologies today. TWS consists of a Second Generation thermal imaging device that significantly improves mounted and dismounted Infantry operational capability and supported weapon system performance, by increasing target acquisition range and enabling both day and night vision through smoke, fog, battlefield obscurants and in extremely low light levels. TWS is produced in three configurations (light, medium and heavy) to support the target acquisition range of the weapon systems. TWS satisfies an immediate capability gap providing thermal imagery for the individual Soldier and is poised to capitalize on advances in technology providing revolutionary enhancements for the Future Force in all operating environments. TWS upholds the Army Future Force tenets of lethality, mobility, and survivability while emphasizing the "Soldier as a System."</p> <p>Justification: FY2008 and FY2009 procure TWS systems for fielding to units deploying to support Operation Iraqi Freedom(OIF), Global War on Terrorism (GWOT), and Modularity requirements. FY06 total includes supplemental funding of \$110.2 million to support the global war on terrorism (GWOT).</p> <p>The FY2008 base program includes an increase of \$102.416 million for Grow the Army requirements. This increase will be used to procure 9,464 AN/PAS-13 TWS systems (light/medium/heavy).</p> <p>FY 2008 Base Appropriation: \$230.607 Million FY 2008 Grow the Army: \$102.416 Million FY 2008 Total \$333.023 Million</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: NIGHT VISION, THERMAL WPN SIGHT (K22900)			Weapon System Type:		Date: February 2007		
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
BASE	A												
BASE - AN/PAS-13 Thermal Wpn Sight (TWS)													
AN/PAS-13 TWS Heavy		73127	7286	10.037	66165	5878	11.256	57133	4700	12.156	67529	5500	12.278
AN/PAS-13 TWS Medium		46096	5043	9.141	60915	5880	10.360	52588	4700	11.189	62156	5500	11.301
AN/PAS-13 TWS Light		47292	8090	5.846	41565	5883	7.065	34762	4556	7.630	37967	4927	7.706
Government Engineering Support		1346			1418			1355			1572		
Project Management Admin		3393			5116			7224			8382		
Fielding/Ancillary Support Items		5587			15123			13546			15927		
Contractor Engineering Support		1548			1888			833			968		
Interim Contractor Support					5486			8127			9430		
Testing		2367			7637			50000			1445		
ECP					3382			5039			4191		
GROW THE ARMY													
AN/PAS-13 TWS Heavy							63945	5260	12.157				
AN/PAS-13 TWS Medium							20097	1796	11.190				
AN/PAS-13 TWS Light							18374	2408	7.630				
Total:		180756			208695			333023			209567		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: NIGHT VISION, THERMAL WPN SIGHT (K22900)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
BASE - AN/PAS-13 Thermal Wpn Sight (TWS)											
FY 2006	BAE Lexington, MA		C/FP	CECOM	Jan 06	Dec 06	4411	10	Yes		
FY 2006	BAE Lexington, MA		C/FP	CECOM	Mar 06	Sep 07	8514	10	Yes		
FY 2006	DRS Optronics Melbourne, FL		C/FP	CECOM	Mar 06	Jan 07	2547	10	Yes		
FY 2006	DRS Optronics Melbourne, FL		C/FP	CECOM	May 06	Mar 07	534	10	Yes		
FY 2006	DRS Optronics Melbourne, FL		C/FP	CECOM	Jul 06	Feb 07	4383	10	Yes		
FY 2006	DRS Optronics Melbourne, FL		C/FP	CECOM	Aug 06	Aug 07	30	10	Yes		
FY 2007	BAE Lexington, MA		C/FP	CECOM	Nov 06	Apr 08	7203	10	Yes		
FY 2007	DRS Optronics Melbourne, FL		C/FP	CECOM	Nov 06	Sep 07	2982	10	Yes		
FY 2007	DRS Optronics Melbourne, FL		C/FP	CECOM	Dec 06	Nov 07	6412	10	Yes		
FY 2007	TBD TBD		C/FP	RMAC	Jun 07	Nov 08	1044	11	Yes		
FY 2008	TBD TBD		C/FP	RMAC	Dec 07	Dec 08	13956	11	Yes		
FY 2009	TBD TBD		C/FP	RMAC	Dec 08	Dec 09	15927	11	Yes		
GROW THE ARMY											
FY 2008	TBD TBD		C/FP	RMAC	Dec 07	Dec 08	9464	11	Yes		
REMARKS:											

FY 06 / 07 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE NIGHT VISION, THERMAL WPN SIGHT (K22900)										Date: February 2007											
COST ELEMENTS						Fiscal Year 06										Fiscal Year 07										Later					
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06															Calendar Year 07										
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
2	FY 06	A	2547	0	2547						A										212	212	212	212	212	212	212	212	212	212	639
1	FY 06	A	4411	0	4411					A									367		367	367	367	367	367	367	367	367	367	367	741
1	FY 06	A	8514	0	8514						A																			709	7805
2	FY 06	A	534	0	534								A										44	44	44	44	44	44	44	44	226
2	FY 06	A	4383	0	4383										A							365	365	365	365	365	365	365	365	365	1463
2	FY 06	A	30	0	30											A													30	0	
2	FY 06	MC	916	0	916						A										76	76	76	76	76	76	76	76	76	76	232
2	FY 06	MC	334	0	334											A															334
2	FY 06	MC	2845	0	2845												A														2845
2	FY 07	A	2982	0	2982															A										248	2734
1	FY 07	A	7203	0	7203															A											7203
3	FY 07	A	1044	0	1044																						A				1044
2	FY 07	A	6412	0	6412																A										6412
2	FY 07	MC	1568	0	1568														A									120	120	120	1208
3	FY 08	A	13956	0	13956																										13956
3	FY 09	A	15927	0	15927																										15927
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
M	Name - Location					PRODUCTION RATES			Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS															
F						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																		
R											1	Initial	4	3	10	13															
	1 BAE, Lexington, MA					250	711	1800	210		Reorder	1	3	10	13																
	2 DRS Optronics, Melbourne, FL					250	1050	1700	210	2	Initial	4	3	10	13																
	3 TBD, TBD					250	1163	2000	210		Reorder	1	3	10	13																
										3	Initial	4	3	10	13																
											Reorder	1	3	10	13																
											Initial																				
											Reorder																				
											Initial																				
											Reorder																				

<div> <div>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</div> <div> <div>P-1 ITEM NOMENCLATURE</div> <div>NIGHT VISION, THERMAL WPN SIGHT (K22900)</div> </div> <div> <div>Date:</div> <div>February 2007</div> </div> </div>																																		
COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06														Calendar Year 07														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
GROW THE ARMY																																		
3	FY 08	A	9464	0	9464																								9464					
Total			83070		83070																	367	655	1020	1064	1064	1064	1064	1184	1214	2141	72233		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	BAE, Lexington, MA					250	711	1800	210	1	Initial	4	3		10	13																	
											Reorder	1	3	10		13																		
	2	DRS Optronics, Melbourne, FL					250	1050	1700	210	2	Initial	4	3		10	13																	
											Reorder	1	3	10		13																		
	3	TBD, TBD					250	1163	2000	210		Initial	4	3		10	13																	
											Reorder	1	3	10		13																		
											Initial																							
											Reorder																							
										Initial																								
										Reorder																								

FY 08 / 09 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE NIGHT VISION, THERMAL WPN SIGHT (K22900)										Date: February 2007														
COST ELEMENTS						Fiscal Year 08										Fiscal Year 09														Later				
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 08											Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
2	FY 06	A	2547	1908	639	213	213	213																										0
1	FY 06	A	4411	3670	741	370	371																											0
1	FY 06	A	8514	709	7805	709	709	709	709	709	709	709	709	709	709	715																		0
2	FY 06	A	534	308	226	45	45	45	45	46																								0
2	FY 06	A	4383	2920	1463	365	365	366	367																									0
2	FY 06	A	30	30																														0
2	FY 06	MC	916	684	232	76	78	78																										0
2	FY 06	MC	334	0	334			55	55	55	55	55	59																					0
2	FY 06	MC	2845	0	2845			189	189	189	189	189	189	189	189	189	189	189	189	194	194													0
2	FY 07	A	2982	248	2734	248	248	248	248	248	248	248	248	248	254																			0
1	FY 07	A	7203	0	7203							1029	1029	1029	1029	1029	1029	1029																0
3	FY 07	A	1044	0	1044														1044															0
2	FY 07	A	6412	0	6412		400	400	400	400	400	400	400	400	400	400	400	400	400	406	406													0
2	FY 07	MC	1568	360	1208	120	120	120	120	120	120	120	120	120	128																			0
3	FY 08	A	13956	0	13956			A												1163	1163	1163	1163	1163	1163	1163	1163	1163	1163	1163	1163	1163	1163	2326
3	FY 09	A	15927	0	15927															A														15927
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M	Name - Location					PRODUCTION RATES			Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																		
F						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																					
R										1	Initial	4	3	10	13																			
1	BAE, Lexington, MA					250	711	1800	210		Reorder	1	3	10	13																			
2	DRS Optronics, Melbourne, FL					250	1050	1700	210	2	Initial	4	3	10	13																			
3	TBD, TBD					250	1163	2000	210		Reorder	1	3	10	13																			
										3	Initial	4	3	10	13																			
											Reorder	1	3	10	13																			
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

<div> <div>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</div> <div> <div>P-1 ITEM NOMENCLATURE</div> <div>NIGHT VISION, THERMAL WPN SIGHT (K22900)</div> </div> <div>Date: February 2007</div> </div>																																		
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 08											Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
GROW THE ARMY																																		
3	FY 08	A	9464	0	9464			A											788	788	788	788	788	788	788	788	788	788	1584					
Total						83070	10837	72233	2146	2549	2423	2133	1767	1721	2750	2754	2695	2703	2587	1618	1618	1633	2540	2551	2551	1951	1951	1951	1951	1951	1951	19837		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct			
1	BAE, Lexington, MA	250	711	1800	210	1	Initial	4	3	10	13	
							Reorder	1	3	10	13	
2	DRS Optronics, Melbourne, FL	250	1050	1700	210	2	Initial	4	3	10	13	
3	TBD, TBD	250	1163	2000	210		Reorder	1	3	10	13	
						3	Initial	4	3	10	13	
							Reorder	1	3	10	13	
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 10 / 11 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE NIGHT VISION, THERMAL WPN SIGHT (K22900)										Date: February 2007											
COST ELEMENTS						Fiscal Year 10										Fiscal Year 11										Later					
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10															Calendar Year 11										
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
2	FY 06	A	2547	2547																										0	
1	FY 06	A	4411	4411																										0	
1	FY 06	A	8514	8514																										0	
2	FY 06	A	534	534																										0	
2	FY 06	A	4383	4383																										0	
2	FY 06	A	30	30																										0	
2	FY 06	MC	916	916																										0	
2	FY 06	MC	334	334																										0	
2	FY 06	MC	2845	2845																										0	
2	FY 07	A	2982	2982																										0	
1	FY 07	A	7203	7203																										0	
3	FY 07	A	1044	1044																										0	
2	FY 07	A	6412	6412																										0	
2	FY 07	MC	1568	1568																										0	
3	FY 08	A	13956	11630	2326	1163	1163																							0	
3	FY 09	A	15927	0	15927			1327	1327	1327	1327	1327	1327	1327	1327	1327	1327	1330												0	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
M	Name - Location							PRODUCTION RATES			Reached D+	MFR			ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS												
F								MIN	1-8-5	MAX					Prior 1 Oct	After 1 Oct															
R												1	Initial	4	3	10	13														
1	BAE, Lexington, MA							250	711	1800	210		Reorder	1	3	10	13														
2	DRS Optronics, Melbourne, FL							250	1050	1700	210	2	Initial	4	3	10	13														
3	TBD, TBD							250	1163	2000	210		Reorder	1	3	10	13														
												3	Initial	4	3	10	13														
													Reorder	1	3	10	13														
													Initial																		
													Reorder																		
													Initial																		
													Reorder																		

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature ARTILLERY ACCURACY EQUIP (AD3200)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	259.4	16.5	0.8	0.3							277.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	259.4	16.5	0.8	0.3							277.0
Initial Spares											
Total Proc Cost	259.4	16.5	0.8	0.3							277.0
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: Artillery Accuracy Equipment procures meteorological, survey and velocity measuring equipment designed to improve accuracy of Army artillery weapons and increase the probability of first round target hits. This category of equipment includes procurement of the Meteorological Measuring System(K27800), Artillery Muzzle Velocity System (AD3250) and Improved Position and Azimuth Determining System (IPADS)(M75700).</p> <p>The IPADS supports modernization of the Army's Field Artillery survey capabilities. The current PADS was fielded in the 1980s with 1970s technology. Poor reliability and obsolete technology has resulted in a system that is no longer economically supportable. The IPADS leverages technology advances, substantially improves reliability, and provides a digital communications capability to meet the needs of the Army of the Future. This is a Joint Program with the USMC.</p> <p>Justification: FY 2008/FY 2009 has no Base Appropriation funds.</p> <p>FY 2006 total includes supplemental funding of \$15.5M for the Improved Position and Azimuth Determining System to support the Global War on Terrorism (GWOT).</p> <p>FY 2008 Grow the Army funding procures 1 IPADS and associated engineering and fielding support.</p> <p>FY 2008 Base Appropriation: \$0.000 FY 2008 Grow the Army: \$0.300 FY 2008 Total: \$0.300</p>											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment					P-1 Item Nomenclature POSITION AZIMUTH DETERMINING SYS (PADS) (M75700)						
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	571	98		1							670
Gross Cost	200.1	15.5	0.8	0.3							216.7
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	200.1	15.5	0.8	0.3							216.7
Initial Spares											
Total Proc Cost	200.1	15.5	0.8	0.3							216.7
Flyaway U/C											
Weapon System Proc U/C	0.4	0.2		0.3							0.8
<p>Description: The Improved Position and Azimuth Determining System (IPADS) supports modernization of the Army's Field Artillery survey capabilities. The current PADS was fielded in the 1980s with 1970s technology. Poor reliability and obsolete technology has resulted in a system that is no longer economically supportable. The IPADS leverages technology advances, substantially improves reliability, and provides a digital communications capability to meet the needs of the Army of the Future. This is a Joint Program with the USMC.</p> <p>Justification: FY 2006 is funded via supplemental funding of \$15.5 million to support the Global War on Terrorism (GWOT). There were no supplemental funds for FY 2007.</p> <p>There are no Base Appropriation funds for IPADS in FY 2008/2009.</p> <p>FY 2008 Grow the Army funding procures 1 Improved Position and Azimuth Determining System (IPADS) and associated engineering and fielding support.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis													
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment					P-1 Line Item Nomenclature: POSITION AZIMUTH DETERMINING SYS (PADS) (M75700)					Weapon System Type:		Date: February 2007	
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
1. Hardware		14692	98	150									
2. Engineering Support		100			190								
3. Logistics Support		100			100								
4. Total Package Fielding (TPF)		408			300								
5. Program Mgmt		200			209								
Base SUBTOTAL		15500			799								
FY 2008 Grow the Army													
1. Hardware								160	1	160			
2. Engineering Support								80					
3. Logistics Support													
4. Total Package Fielding (TPF)								30					
5. Program Mgmt								30					
Grow the Army SUBTOTAL								300					
Total:		15500			799			300					

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: February 2007</div> </div>											
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: POSITION AZIMUTH DETERMINING SYS (PADS) (M75700)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1. Hardware FY 2006 FY 2008 Grow the Army FY 2008	L3 Communications Budd Lake, NJ L3 Communications Budd Lake, NJ		C-FP C-FP	Rock Island, IL Rock Island, IL	Jul 06 Oct 07	Sep 07 Sep 08	98 1	150 160	Yes Yes	Nov 02 Nov 02	Dec 02 Dec 02
REMARKS:											

Exhibit P-21
Production Schedule

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature PROFILER (K27900)					
Program Elements for Code B Items: 0604710A L75			Code: B		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	35		6	8	8	8	14	5			84
Gross Cost	46.1	4.5	8.6	10.8	11.2	11.3	19.4	7.3			119.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	46.1	4.5	8.6	10.8	11.2	11.3	19.4	7.3			119.2
Initial Spares											
Total Proc Cost	46.1	4.5	8.6	10.8	11.2	11.3	19.4	7.3			119.2
Flyaway U/C											
Weapon System Proc U/C	1.3		1.4	1.4	1.4	1.4	1.4	1.5			9.8
<p>Description: The AN/TMQ-52 Meteorological Measuring Set-Profiler (MMS-P) is a replacement for the current Meteorological Measuring Set (MMS), AN/TMQ-41. Profiler uses a suite of meteorological (MET) sensors and MET data from communication satellites along with an advanced weather model to provide highly accurate MET data out to a range of 500 kilometers. The current MMS relies upon a balloon-borne radiosonde to measure and transmit MET conditions such as wind speed, wind direction, temperature, pressure and humidity. It is considered accurate only to 20 kilometers from the balloon launch site and cannot provide target area MET data. Profiler provides the same MET information MMS does and adds rate of precipitation, visibility, cloud height and cloud ceiling. All of these are required for precise targeting and terminal guidance. Profiler uses this information to build a four-dimensional MET model (height, width, depth and time) that includes terrain effects. By providing more accurate MET messages, Profiler will enable the artillery to have a greater probability of a first round hit with indirect fire systems. The new capabilities will increase the lethality of field artillery systems such as Multiple Launch Rocket Systems (MLRS), Paladin, and self-propelled or towed howitzers.</p> <p>Justification: FY08/09 base funds will procure and field six (6) and eight (8) Profiler, respectively to the Army GWOT or modularity priorities.</p> <p>FY08 Grow The Army (GTA) will procure and field two Profilers.</p> <p>FY 2008 Base Appropriation: \$ 8,000</p> <p>FY 2008 Grow the Army: \$ 2,800</p> <p>FY 2008 Total \$10,800</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis													
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: PROFILER (K27900)				Weapon System Type:			Date: February 2007		
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Profiler Hardware - MMS-P					2760	6	460	2760	6	460	3680	8	460
Profiler Hardware - MMS-P - (GTA)								920	2	460			
Hardware - GFE					2118	6	353	2118	6	353	2824	8	353
Hardware - GFE - (GTA)								706	2	353			
Non-Recurring													
Project Management Admin		681			773			812			854		
Engineering Change Orders					144						243		
Engrg Change Orders - (GTA)								101					
System Test & Evaluation		418			430			471			528		
System Test & Evaluation (GTA)								157					
Data					241			193			294		
Data - (GTA)								66					
Fielding/Transportation/NET/ICS		2118			1440			1142			1998		
Fld/Trans/NET/ICS - (GTA)								649					
Software		1241			678			504			779		
Software - (GTA)								201					
Total:		4458			8584			10800			11200		

Exhibit P-5a, Budget Procurement History and Planning											Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: PROFILER (K27900)							
WBS Cost Elements:		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Profiler Hardware - MMS-P												
FY 2006		Smiths Detection Edgewood, MD		SS/FFP(O)	CECOM					Y		
FY 2007		Smiths Detection Edgewood, MD		SS/FFP(O)	CECOM	Jan 07	Dec 07	6	460	Y	Sep 03	
FY 2008		Smiths Detection Edgewood, MD		SS/FFP(O)	CECOM	Nov 07	Sep 08	6	460	Y	Sep 03	
FY 2008 GTA		Smiths Detection Edgewood, MD		SS/FFP(O)	CECOM	Nov 07	Sep 08	2	460	Y	Sep 03	
FY 2009		Smiths Detection Edgewood, MD		SS/FFP(O)	CECOM	Nov 08	Sep 09	8	460	Y	Sep 03	
REMARKS: MMS-P Unit Costs exclude Government Furnished Equipment (GFE).												

FY 07 / 08 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE PROFILER (K27900)										Date: February 2007														
COST ELEMENTS						Fiscal Year 07														Fiscal Year 08														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 07											Calendar Year 08														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Profiler Hardware - MMS-P																																		
1	FY 07	A	6	0	6				A												1	1	1	1	1	1					0			
1	FY 08	A	6	0	6															A										1	5			
1	FY 08	A	2	2																A										1	-1			
1	FY 09	A	8	0	8																										8			
Total			22	2	20																1	1	1	1	1	1				2	12			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct			
1	Smiths Detection, Edgewood, MD	1	2	4		1	Initial	0	3	11	14	
							Reorder	0	1	10	11	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 09 / 10 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE PROFILER (K27900)										Date: February 2007														
COST ELEMENTS						Fiscal Year 09														Fiscal Year 10														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 09											Calendar Year 10														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Profiler Hardware - MMS-P																																		
1	FY 07	A	6	6																												0		
1	FY 08	A	6	1	5	1	1	1	1	1																						0		
1	FY 08	A	2	3	-1	1																										-2		
1	FY 09	A	8	0	8		A										1	1	1	1	1	1	1	1	1	1	1					0		
Total			22	10	12	2	1	1	1	1							1	1	1	1	1	1	1	1	1	1	1					-2		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct			
1	Smiths Detection, Edgewood, MD	1	2	4		1	Initial	0	3	11	14	
							Reorder	0	1	10	11	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature FORCE XXI BATTLE CMD BRIGADE & BELOW (FBCB2) (W61900)					
Program Elements for Code B Items: W61900			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	20356	9415	4434	7659	2365	2254	2065	2337	1255		52140
Gross Cost	735.7	283.3	159.7	250.1	125.7	121.7	90.7	90.6	71.9		1929.4
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	735.7	283.3	159.7	250.1	125.7	121.7	90.7	90.6	71.9		1929.4
Initial Spares											
Total Proc Cost	735.7	283.3	159.7	250.1	125.7	121.7	90.7	90.6	71.9		1929.4
Flyaway U/C											
Weapon System Proc U/C	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1		0.4

Description:
FBCB2 is a digital, battle command information system that provides integrated, on-the-move, timely, relevant battle command information to tactical combat, combat support and combat service support leaders and soldiers. FBCB2 incorporates state-of-the-art information technology to allow commanders to concentrate combat system effects rather than combat forces, enabling units to be both more survivable and more lethal. FBCB2 provides the capability to pass orders and graphics allowing the Warfighter to visualize the commander's intent and scheme of maneuver. FBCB2 affords combat forces the capability to retain the tactical/operational initiatives under all mission, enemy, terrain, troops, and time available conditions to enable faster decisions, real/near-real time communications and response. The system includes a Pentium based processor, display unit, keyboard and removable hard disk drive cartridge. FBCB2 supports situational awareness (Blue and Red force positions) and command and control down to the soldier/platform level across Battlefield Operating Systems (BOS) and echelons. FBCB2 is a key component of the Army Battle Command System (ABCS). FBCB2-Blue Force Tracking (BFT) is a part of the FBCB2 program, which built upon both the FBCB2 program and experience with the Enhanced Information System (EIS), also known as the Balkan Digitization Initiative (BDI) deployed in the Balkans. An L-Band transceiver employing commercial satellite services is used in lieu of tactical terrestrial radios. The FBCB2-BFT system is deployed in the Gulf region in support of Operation Enduring Freedom (OEF)/Operation Iraqi Freedom (OIF) and has remained with those in CONUS that have returned from OEF/OIF. FBCB2-BFT satisfies the operational needs of the warfighter by providing near real-time tracking capabilities for joint and coalition forces in the Central Command (CENTCOM) Area of Responsibility (AOR). FBCB2-BFT enhances effectiveness by providing automated tools to facilitate the battle command process. It enhances the ability for the soldiers to operate in an unpredictable and changing environment where units are Beyond Line of Sight (BLOS) within the battle space and across the spectrum of conflict by using multiple commercial satellites, which send the FBCB2-BFT data to a central processing facility known as the FBCB2 Operations Center.

Justification:
FY 2008 and FY 2009 procure FBCB2 systems to continue fielding to the Army's 1AD, III Corps and National Guards units to meet approved Army requirements, including Operation Enduring Freedom/Operation Iraqi Freedom (OEF/OIF) rotations, to include systems for Army Aviation, Abrams and Bradley. FY 2008 and FY 2009 funding will also procure Type I Encryption devices to provide communications security (COMSEC) for the FBCB2-BFT system.

The FY 2008 base program includes \$74.160 million for Grow the Army requirements. This increase will be used to procure an additional 3,539 FBCB2 systems to accelerate the fielding of six (6) Brigade Combat Teams (BCTs) and for several new smaller units.

Exhibit P-40, Budget Item Justification Sheet		Date: February 2007
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment		P-1 Item Nomenclature FORCE XXI BATTLE CMD BRIGADE & BELOW (FBCB2) (W61900)
Program Elements for Code B Items: W61900	Code:	Other Related Program Elements:
FY 2008 Base - \$ 175.975 Million, Grow the Army - \$ 74.160 Million, Total - \$ 250.135 Million		

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Line Item Nomenclature: FORCE XXI BATTLE CMD BRIGADE & BELOW (FBCB2) (W61900)			Weapon System Type:		Date: February 2007	
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09			
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	
BASE APPROPRIATION														
Non Recurring Engineering														
Total Non Recurring Engineering														
Force XXI Command Brigade and Below														
HW Manufacturing - Ground Base		145162	8915	16	66829	3934	17	59803	3563	17	24792	1802	14	
HW Manufacturing - Aviation Base		33699	500	67	34387	500	69	37342	557	67	38497	563	68	
Total Hardware		178861			101216			97145			63289			
System Engineering/Program Management														
Government		24359			21868			23675			18368			
Contractor		4000			4084			5527			4185			
Total Sys Engineering/Project Mgmt		28359			25952			29202			22553			
Engineering Change Proposals		2955			820			863			374			
Test		1319			1347			1378			1407			
Training (Combat Training Center)		753			769			787			804			
Data		751			767			2493			883			
Support Equipment		3387			1419			1612			913			
Op Site Activation		3589			3595			2675			3000			
Fielding		17374			14555			10792			5000			
Software Support		8969			9157			9424			9623			
Computer Hardware Replacement		11990			92									
Engineering Support														
Other (Product Line, JCR, Type I Encryp)		25000						19604			17841			
TOTAL BASE APPROPRIATION		283307			159689			175975			125687			
GROW THE ARMY														
HW Manufacturing - Ground (GTA)								63706	3539	18				
Engineering Change Proposals								566						
Support Equipment								1057						
Op Site Activation								1754						
Fielding								7077						

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: FORCE XXI BATTLE CMD BRIGADE & BELOW (FBCB2) (W61900)				Weapon System Type:			Date: February 2007	
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
TOTAL GROW THE ARMY								74160					
Total:		283307			159689			250135			125687		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: FORCE XXI BATTLE CMD BRIGADE & BELOW (FBCB2) (W61900)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
HW Manufacturing - Ground Base											
FY 2006 Base	DRS Melbourne, Florida		SS/FFP	CECOM C4IEWS	Jan 06	Jun 06	8915	16	Yes		N/A
FY 2007 Base	DRS Melbourne, Florida		SS/FFP	CECOM C4IEWS	Jan 07	Jun 07	3934	17	Yes		N/A
FY 2008 Base	DRS Melbourne, Florida		SS/FFP	CECOM C4IEWS	Jan 08	Jun 08	3563	17	Yes		N/A
FY 2009 Base	DRS Melbourne, Florida		SS/FFP	CECOM C4IEWS	Jan 09	Jun 09	1802	14	Yes		N/A
HW Manufacturing - Aviation Base											
FY 2006	RDECOM Pdn Integrat'n Facility Huntsville, Alabama		MIPR	AMCOM	Nov 05	Mar 06	500	67	Yes		N/A
FY 2007	RDECOM Pdn Integrat'n Facility Huntsville, Alabama		MIPR	AMCOM	Nov 06	Mar 07	500	69	Yes		N/A
FY 2008	RDECOM Pdn Integrat'n Facility Huntsville, Alabama		MIPR	AMCOM	Nov 07	Mar 08	557	67	Yes		N/A
FY 2009	RDECOM Pdn Integrat'n Facility Huntsville, Alabama		MIPR	AMCOM	Nov 08	Mar 09	563	68	Yes		N/A
HW Manufacturing - Ground (GTA)											
FY 2008 GTA	DRS Melbourne, Florida		SS/FFP	CECOM C4IEWS	Jan 08	Jun 08	3539	18	Yes		N/A
REMARKS:											

<div> <div>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</div> <div> P-1 ITEM NOMENCLATURE FORCE XXI BATTLE CMD BRIGADE & BELOW (FBCB2) (W61900) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06														Calendar Year 07														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
HW Manufacturing - Ground Base																																		
1	FY 06	A	8915	0	8915				A						550	575	600	675	700	800	800	840	840	840	845	850				0				
1	FY 07	A	3934	0	3934																A					328	328	328	328	2622				
1	FY 08	A	3563	0	3563																								3563					
1	FY 09	A	1802	0	1802																								1802					
HW Manufacturing - Aviation Base																																		
2	FY 06	A	500	0	500		A				42	42	41	42	42	41	42	42	41	42	42	41								0				
2	FY 07	A	500	0	500														A				42	42	41	42	42	41	42	208				
2	FY 08	A	557	0	557																								557					
2	FY 09	A	563	0	563																								563					
HW Manufacturing - Ground (GTA)																																		
1	FY 08	A	3539	0	3539																								3539					
Total			23873		23873						42	42	41	42	592	616	642	717	741	842	842	881	882	882	886	1220	370	369	370	12854				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS For years where HW Manufacturing - Ground production rates fall below the minimum rate of 500 per month, customer buys are expected to bring the total production rate to at least the minimum.																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	DRS, Melbourne, Florida					500	1140	2280		1	Initial	0	4														4	8					
											Reorder	0	2	4														6						
	2	RDECOM Pdn Integrat'n Facility, Huntsville, Alabama					43	87	174		2	Initial	0	2														4	6					
											Reorder	0	2	4														6						
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

FY 08 / 09 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE FORCE XXI BATTLE CMD BRIGADE & BELOW (FBCB2) (W61900)										Date: February 2007												
COST ELEMENTS						Fiscal Year 08										Fiscal Year 09										Later						
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08										Calendar Year 09																
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P		
HW Manufacturing - Ground Base																																
1	FY 06	A	8915	8915																									0			
1	FY 07	A	3934	1312	2622	328	328	328	328	328	328	327	327																0			
1	FY 08	A	3563	0	3563				A					300	300	300	300	300	300	300	300	300	300	300	300	263				0		
1	FY 09	A	1802	0	1802																A						151	151	150	150	1200	
HW Manufacturing - Aviation Base																																
2	FY 06	A	500	500																									0			
2	FY 07	A	500	292	208	42	41	42	42	41																			0			
2	FY 08	A	557	0	557		A				46	46	46	46	46	46	46	47	47	47	47	47							0			
2	FY 09	A	563	0	563													A					47	47	47	47	47	47	47	234		
HW Manufacturing - Ground (GTA)																																
1	FY 08	A	3539	0	3539				A					294	295	295	295	295	295	295	295	295	295	295	295	295				0		
Total			23873	11019	12854	370	369	370	370	369	374	373	373	640	641	641	641	641	642	642	642	642	642	642	642	642	605	198	198	197	197	1434
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																	
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																				
	1	DRS, Melbourne, Florida					500	1140	2280		1	Initial	0	4		4	8															
											Reorder	0	2	4		6																
	2	RDECOM Pdn Integrat'n Facility, Huntsville, Alabama					43	87	174		2	Initial	0	2		4	6															
											Reorder	0	2	4		6																
											Initial																					
											Reorder																					
											Initial																					
											Reorder																					

FY 10 / 11 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE FORCE XXI BATTLE CMD BRIGADE & BELOW (FBCB2) (W61900)										Date: February 2007												
COST ELEMENTS						Fiscal Year 10										Fiscal Year 11										Later						
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10										Calendar Year 11																
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P		
HW Manufacturing - Ground Base																																
1	FY 06	A	8915	8915																										0		
1	FY 07	A	3934	3934																										0		
1	FY 08	A	3563	3563																										0		
1	FY 09	A	1802	602	1200	150	150	150	150	150	150	150	150																	0		
HW Manufacturing - Aviation Base																																
2	FY 06	A	500	500																										0		
2	FY 07	A	500	500																										0		
2	FY 08	A	557	557																										0		
2	FY 09	A	563	329	234	47	47	47	47	46																				0		
HW Manufacturing - Ground (GTA)																																
1	FY 08	A	3539	3539																										0		
Total			23873	22439	1434	197	197	197	197	196	150	150	150																			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																	
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																				
	1	DRS, Melbourne, Florida					500	1140	2280	1	Initial	0	4	4		8																
											Reorder	0	2	4		6																
	2	RDECOM Pdn Integrat'n Facility, Huntsville, Alabama					43	87	174	2	Initial	0	2	4		6																
											Reorder	0	2	4		6																
											Initial																					
											Reorder																					
											Initial																					
											Reorder																					
											Initial																					
											Reorder																					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature LIGHTWEIGHT LASER DESIGNATOR/RANGEFINDER (LLDR) (K31100)					
Program Elements for Code B Items:			Code: A		Other Related Program Elements: 0604710A DL76						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										Continuing	Continuing
Gross Cost	82.4	106.7	50.0	137.4	77.4	80.1	62.1	63.5	64.8	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	82.4	106.7	50.0	137.4	77.4	80.1	62.1	63.5	64.8	Continuing	Continuing
Initial Spares											
Total Proc Cost	82.4	106.7	50.0	137.4	77.4	80.1	62.1	63.5	64.8	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: The Lightweight Laser Designator Rangefinder (LLDR) (AN/PED-1) is a modular system designed for man-portable day/night all-weather use for determining the precise location of threat targets, and for designating threat targets for engagement by Global Position System (GPS) precision and laser guided munitions for a variety of Army and Joint weapons systems. The Target Location Module uses an advanced thermal (infrared (IR)) sensor, day camera, laser rangefinder, and digital compass/vertical angle device, global positioning system, and system controller with digital data and video outputs. These components provide precision target location and the capability to digitally transmit the targeting information. The Laser Designation Module contains the laser and associated optics required to paint a threat target for precision engagement by laser-guided munitions. The Target Location Module, at 12.9 pounds, the Laser Designation Module, at 10.7 pounds, and the accessories, at 10.4 pounds, make the modular man-portable LLDR a combat multiplier for current and future forces. The LLDR meets a critical requirement for precision target location and engagement for the artillery fire support teams and scouts. The LLDR has proven a useful tool for rapidly locating and attacking insurgents firing rockets and mortars at our bases in theater.</p> <p>Justification: FY2008 and FY 2009 procure this critical capability for fielding based on the Army resourcing priority list and supports the Army's modularity initiative.</p> <p>FY06 total includes supplemental funding of \$95 million to support the global war on terrorism (GWOT).</p> <p>The FY2008 base program includes an increase of \$43.4 million for Grow the Army requirements. This increase will be used to procure and field 147 AN/PED-1 LLDR systems.</p> <p>FY 2008 Base Appropriation: \$93.986 Million FY 2008 Grow the Army: \$43.400 Million FY 2008 Total \$137.386 Million</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis													
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment					P-1 Line Item Nomenclature: LIGHTWEIGHT LASER DESIGNATOR/RANGEFINDER (LLDR) (K31100)					Weapon System Type:		Date: February 2007	
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
BASE													
BASE - K31100 AN/PED-1 LLDR	A	89811	304	295.4	47075	169	278.6	87414	316	276.6	71536	263	272.0
Engineering Support		391			441			449			457		
Project Management Admin		735			440			448			456		
Engineering Change Order					342			385			433		
Non Recurring Engineering		14866											
Testing					335			340			365		
Fielding		925			1326			4950			4167		
GROW THE ARMY													
AN/PED-1 LLDR								40921	147	278.4			
Fielding								2479					
Total:		106728			49959			137386			77414		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: LIGHTWEIGHT LASER DESIGNATOR/RANGEFINDER (LLDR) (K31100)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
BASE - K31100 AN/PED-1 LLDR											
FY 2006	Northrop Grumman Laser Systems Apopka, FL		SS/FP	RMAC	Feb 06	Jan 07	23	295	Yes		
FY 2006	Northrop Grumman Laser Systems Apopka, FL		SS/FP	RMAC	Sep 06	Jun 07	281	295	Yes		
FY 2007	Northrop Grumman Laser Systems Apopka, FL		SS/FP	RMAC	Nov 06	Jan 08	169	279	Yes		
FY 2008	Northrop Grumman Laser Systems Apopka, FL		SS/FP	RMAC	Dec 07	Nov 08	316	277	Yes		
FY 2009	Northrop Grumman Laser Systems Apopka, FL		SS/FP	RMAC	Dec 08	Nov 09	263	272	Yes		
GROW THE ARMY											
FY 2008	Northrop Grumman Laser Systems Apopka, FL		SS/FP	RMAC	Dec 07	Nov 08	147	278	Yes		
REMARKS:											

FY 06 / 07 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE LIGHTWEIGHT LASER DESIGNATOR/RANGEFINDER (LLDR) (K31100)										Date: February 2007											
COST ELEMENTS						Fiscal Year 06										Fiscal Year 07										Later					
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 06										Calendar Year 07												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
K31100 AN/PED-1 LLDR																															
1	FY 06	A		23	0	23						A										3	5	5	6	4					0
1	FY 06	A		281	0	281											A										7	19	21	23	211
1	FY 07	A		169	0	169													A												169
1	FY 08	A		316	0	316																									316
1	FY 09	A		263	0	263																									263
Grow The Army																															
1	FY 08	A		147	0	147																									147

FY 08 / 09 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE LIGHTWEIGHT LASER DESIGNATOR/RANGEFINDER (LLDR) (K31100)										Date: February 2007										
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 08											Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
K31100 AN/PED-1 LLDR																																		
1	FY 06	A	23	23																												0		
1	FY 06	A	281	70	211	25	27	27	27	27	26	26	26																			0		
1	FY 07	A	169	0	169				2	2	2	2	2	28	28	28	28	30	17													0		
1	FY 08	A	316	0	316			A										13	28	28	28	28	28	28	28	28	28	28	28	28	23			
1	FY 09	A	263	0	263														A												263			
Grow The Army																																		
1	FY 08	A	147	0	147			A										7	12	12	12	13	13	13	13	13	13	13	13	13	13			
Total			1199	93	1106	25	27	27	29	29	28	28	28	28	28	28	30	37	40	40	40	41	41	41	41	41	41	41	41	41	299			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
1	Northrop Grumman Laser Systems, Apopka, FL					4	30	45	180	1	Initial	6	12	11																		23		
											Reorder	1	5	9																		14		
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

FY 10 / 11 BUDGET PRODUCTION SCHEDULE																		P-1 ITEM NOMENCLATURE LIGHTWEIGHT LASER DESIGNATOR/RANGEFINDER (LLDR) (K31100)										Date: February 2007									
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later			
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 10											Calendar Year 11																	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P								
K31100 AN/PED-1 LLDR																																					
1	FY 06	A	23	23																												0					
1	FY 06	A	281	281																												0					
1	FY 07	A	169	169																												0					
1	FY 08	A	316	293	23	23																										0					
1	FY 09	A	263	0	263		23	23	23	23	23	23	23	23	23	23	10															0					
Grow The Army																																					
1	FY 08	A	147	134	13	13																										0					
Total			1199	900	299	36	23	23	23	23	23	23	23	23	23	23	10																				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P								
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																						
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																									
1	Northrop Grumman Laser Systems, Apopka, FL	4	30	45	180		Initial	6	12	11	23																										
							Reorder	1	5	9	14																										
							Initial																														
							Reorder																														
							Initial																														
							Reorder																														
							Initial																														
							Reorder																														
							Initial																														
							Reorder																														

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature COMPUTER BALLISTICS: LHMBC XM32 (K99200)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	3893			27							3920
Gross Cost	52.8	24.3		1.0							78.1
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	52.8	24.3		1.0							78.1
Initial Spares											
Total Proc Cost	52.8	24.3		1.0							78.1
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The M32 Lightweight Handheld Mortar Ballistic Computer (LHMBC) calculates ballistic trajectories which give the mortar user data to elevate the gun, set the charge, and direct fire for all rounds. The LHMBC provides mortar firing computations for all calibers of mortars as well as digital messaging capability. The LHMBC consists of the Army Common Hardware Ruggedized Personal Digital Assistant (R-PDA) with embedded GPS capability, and M95 Mortar Fire Control System software modified for use with the R-PDA. The LHMBC will interface with the Advanced Field Artillery Tactical Data System (AFATDS) to improve required response time. Development of the LHMBC was conducted jointly with the U.S. Marine Corps. The LHMBC will replace the old M23 Mortar Ballistic Computer, which is no longer logistically supportable, in Army dismounted mortar units. The total system weighs less than four pounds, compared to the M23 which weighs over 8 pounds.</p> <p>Justification: No Funding for FY08/09.</p> <p>FY06 total includes supplemental funding of \$21.3 million, to support the global war on terrorism (GWOT).</p> <p>FY08 Grow The Army funding of \$1.0 million procures 27 M32- Lightweight Handheld MBC.</p> <p>FY 2008 Base Appn \$0 FY 2008 GTA \$1,001 FY Total \$1,001</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: COMPUTER BALLISTICS: LHMBC XM32 (K99200)				Weapon System Type:		Date: February 2007		
OPA2 Cost Elements		ID	FY 06			FY 07			FY 08			FY 09		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
BASE APPN														
HARDWARE														
M32 - Lightweight Handheld MBC			18780	939	20									
SUBTOTAL HARDWARE			18780											
PRODUCTION SUPPORT														
Production Engineering			3232											
Proof and Acceptance			200											
Fielding and New Equipment Training			2104											
SUBTOTAL PRODUCTION SUPPORT			5536											
NON RECURRING COSTS														
SUBTOTAL NON RECURRING COSTS														
COSTS														
FY08 GROW THE ARMY														
HARDWARE														
M32 - Lightweight Handheld MBC									513	27	19			
SUBTOTAL HARDWARE									513					
PRODUCTION SUPPORT														
Production Engineering									143					
Proof and Acceptance									100					
Fielding and New Equipment Training									245					
SUBTOTAL PRODUCTION SUPPORT									488					
TOTAL			24316						1001					
Total:			24316						1001					

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: February 2007</div> </div>											
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: COMPUTER BALLISTICS: LHMBC XM32 (K99200)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
M32 - Lightweight Handheld MBC FY 2006	General Dynamics Land Systems Sterling Heights, MI		C/Option	Redstone, AL	Jul 06	Jul 07	939	20	Yes		
M32 - Lightweight Handheld MBC FY 2008 GTA	General Dynamics Land Systems Sterling Heights, MI		C/Option	Redstone, AL	Mar 08	Mar 09	27	19	Yes		
REMARKS:											

<div> <div>FY 07 / 08 BUDGET PRODUCTION SCHEDULE</div> <div> <div>P-1 ITEM NOMENCLATURE COMPUTER BALLISTICS: LHMBC XM32 (K99200)</div> <div>Date: February 2007</div> </div> </div>																														
COST ELEMENTS						Fiscal Year 07														Fiscal Year 08										Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 07														Calendar Year 08										
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M32 - Lightweight Handheld MBC																														
1	FY 06	A	939	0	939										100	100	100	100	100	100	100	100	100	39					0	
M32 - Lightweight Handheld MBC																														
1	FY 08 GTA	A	27	0	27																	A							27	
Total			966		966										100	100	100	100	100	100	100	100	100	39					27	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS														
						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																	
1	General Dynamics Land Systems, Sterling Heights, MI					25	100	200			Initial	6	4	12	16															
										Reorder	3	4	12	16																
										Initial																				
										Reorder																				
										Initial																				
										Reorder																				
										Initial																				
										Reorder																				
										Initial																				
										Reorder																				

<table border="1"> <tr> <td colspan="14">FY 09 / 10 BUDGET PRODUCTION SCHEDULE</td> <td colspan="10">P-1 ITEM NOMENCLATURE COMPUTER BALLISTICS: LHMBC XM32 (K99200)</td> <td colspan="4">Date: February 2007</td> </tr> </table>																												FY 09 / 10 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE COMPUTER BALLISTICS: LHMBC XM32 (K99200)										Date: February 2007			
FY 09 / 10 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE COMPUTER BALLISTICS: LHMBC XM32 (K99200)										Date: February 2007																															
COST ELEMENTS						Fiscal Year 09														Fiscal Year 10														Later																					
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 09														Calendar Year 10																																			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																										
M32 - Lightweight Handheld MBC																																																							
1	FY 06	A	939	939																								0																											
M32 - Lightweight Handheld MBC																																																							
1	FY 08 GTA	A	27	0	27						27																	0																											
Total			966	939	27						27																																												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																										
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																																								
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																																											
	1	General Dynamics Land Systems, Sterling Heights, MI					25	100	200		Initial	6	4	12		16																																							
								Reorder	3	4	12	16																																											
								Initial																																															
								Reorder																																															
								Initial																																															
								Reorder																																															
								Initial																																															
								Reorder																																															

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 2 / Communications and Electronics Equipment</small>						P-1 Item Nomenclature <small>FIRE SUPPORT C2 FAMILY (B28501)</small>					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										Continuing	Continuing
Gross Cost	652.6	45.2	49.6	47.3	39.5	29.5	26.5	22.4	22.5	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	652.6	45.2	49.6	47.3	39.5	29.5	26.5	22.4	22.5		935.2
Initial Spares											
Total Proc Cost	652.6	45.2	49.6	47.3	39.5	29.5	26.5	22.4	22.5	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: Fire Support Command and Control (FSC2) systems automate the process of fire support coordination. Fire support coordination is the planning and execution of fires so that a suitable weapon or group of weapons adequately covers targets. Fire support is the effects of lethal and non-lethal weapons (fires) that directly support land, maritime, amphibious and special operation forces to engage enemy forces, combat formations, and facilities in pursuit of tactical and operational objectives.</p> <p>Beginning with FY08, the following systems will be realigned into the Fire Support C2 family: AFATDS (B28600), Mod-In-Service (MIS) AFATDS (B28620), Light Weight Technical Fire Direction System (LWTFDS)(B78400), Gun Display Unit - Replacement (GDU-R) (B28502), Ruggedized Handheld Computer (RHC) (B28503) and the Pocket-Sized Forward Entry Device (PFED) BZ9851). This realignment will enable the family of fire support systems to manage the implementation of technology more efficiently and effectively.</p> <p>Justification: FY 2008 and FY2009 funding procures systems under the following FSC2 family of systems: AFATDS, AFATDS Mod-In-Service, LWTFDS, GDU-R, RHC and PFED. This SSN is a parent SSN and rolls-up funding information for the above systems. Specific, details on quantities can be found under the p-forms for each program.</p> <p>FY06/07 totals include supplemental funding of \$10.7 million and \$7.0 million respectively, to support the global war on terrorism (GWOT).</p> <p>The FY 2008 base program included \$6.676 million for Grow the Army requirements. This increase will be used to dollars are for initial fielding of the FSC2 family of systems hardware to the new units being established.</p> <p>FY 2008 Base Appropriation: \$40.626 Milliom FY 2008 Grow the Army: \$ 6.676 Million FY 2008 Total: \$47.302 Million</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: FIRE SUPPORT C2 FAMILY (B28501)				Weapon System Type:		Date: February 2007		
OPA2 Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Base Appropriation													
Gun Display Unit -Replacement (GDU-R)								6500			3600		
Ruggedized Handheld Computer (RHC)								6000			5500		
AFATDS		25928			28946			7384			8850		
Mod-In-Service (AFATDS)		4836			5412			13500			14500		
LWTFDS		5427			6018			2562			2518		
PFED		8993			9268			4680			4492		
Sub-Total		45184			49644			40626			39460		
Grow the Army													
RHC Hardware								184					
AFATDS Hardware								4452					
LWTFDS Hardware								146					
PFED Hardware								1894					
Sub-Total								6676					
Total:		45184			49644			47302			39460		

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Gun Display Unit -Replacement (GDU-R) (B28502)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				6.5	3.6	1.2	0.5	0.3	0.3	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				6.5	3.6	1.2	0.5	0.3	0.3	Continuing	Continuing
Initial Spares											
Total Proc Cost				6.5	3.6	1.2	0.5	0.3	0.3	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: The Gun Display Unit-Replacement (GDU-R) replaces the Gun Display Unit (GDU) which was fielded in the 1980s and is no longer maintainable. The GDU-R is a handheld system which digitally receives firing commands (elevation, deflection, fuze and powder mixes) from the cannon Fire Direction Center (FDC). The Section Chief receives the commands then sends them down to the crews of non-digitized howitzers via the GDU-R, thereby allowing quicker crew actions with significantly less intervention than when using voice commands. The GDU-R software is hosted on a Rugged Personal Digital Assistant (RPDA) for the section chief and on wrist mounted gunner/assistant gunner displays for the cannon crews. This automated system allows for accurate and timely cannon firing. GDU-R operates in self- propelled (Non Paladin) and towed Howitzer weapons.</p> <p>Justification: FY08 and FY09 will procure GDU-R systems and funds fieldings to support Operation Enduring Freedom/ Operation Iraqi Freedom.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis														
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment					P-1 Line Item Nomenclature: Gun Display Unit -Replacement (GDU-R) (B28502)					Weapon System Type:		Date: February 2007		
OPA2 Cost Elements		ID	FY 06			FY 07			FY 08			FY 09		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Hardware								5322	310		2608	96		
Project Management Administration								544			502			
Engineering Support								150			50			
Fielding								484			440			
Total:								6500			3600			

Exhibit P-5a, Budget Procurement History and Planning											Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: Gun Display Unit -Replacement (GDU-R) (B28502)							
WBS Cost Elements:		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Hardware												
FY 2008		General Dynamics Taunton, MA		C/Option	CE LCMC, Ft Monmouth, NJ	Jan 08	Oct 08	310		Yes		
FY 2009		General Dynamics Taunton, MA		C/Option	CE LCMC, Ft Monmouth,NJ	Jan 09	Oct 09	96		Yes		
REMARKS:												

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Ruggedized Handheld Computer (RHC) (B28503)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				6.2	5.5	2.6	2.0	1.2	1.2	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				6.2	5.5	2.6	2.0	1.2	1.2	Continuing	Continuing
Initial Spares											
Total Proc Cost				6.2	5.5	2.6	2.0	1.2	1.2	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: The RHC, also known as the Lightweight Forward Entry Device (LFED) replaces the much heavier Forward Entry Device (FED). LFED/RHC hosts the Forward Observer System (FOS) software which enables forward observers and fire support officers to plan, control and execute fire support operations at maneuver platoon, company, battalion and brigade levels. LFED/RHC is fully interoperable with both the Advanced Field Artillery Tactical Data System (AFATDS) and current fire support systems. When coupled with the existing and future tactical communications systems, LFED/RHC enables the rapid precision Sensor-to-Shooter capabilities. When interfaced with Pocket-sized Forward Entry Device (PFED) and AFATDS, these systems' functions are improved as a whole and increase their performance as a system of systems. The LFED software is hosted on a Ruggedized Handheld Computer (RHC).</p> <p>Justification: FY08 and FY09 procures RHC/LFED systems and funds fieldings to support Operation Enduring Freedom/Operation Iraqi Freedom.</p> <p>The base program includes an increase of \$.184 million for Grow the Army requirements. This increase will be used for initial to fielding of RHC/LFED hardware to the new Army units.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis				Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: Ruggedized Handheld Computer (RHC) (B28503)			Weapon System Type:		Date: February 2007
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Base Appropriation													
Hardware								4970	218	23	4355	191	23
Project Management Administration								568			569		
Engineering Support								54			56		
Fielding								408			520		
Sub-total								6000			5500		
Grow the Army													
Hardware								184	8	23			
Sub-total								184					
Total:								6184			5500		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: Ruggedized Handheld Computer (RHC) (B28503)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Base Appropriation											
FY 2008	General Dynamics Taunton, MA		C/Option	CE-LCMC, Ft Monmouth, NJ	Jan 08	Sep 08	218		Yes		
FY 2009	General Dynamics Taunton, MA		C/Option	CE-LCMC, Ft Monmouth, NJ	Jan 09	Sep 09	191		Yes		
Grow the Army											
FY 2008	General Dynamics Taunton, MA		C/Option	CE-LCMC, Ft Monmouth, NJ	Jan 08	Sep 08	8		Yes		
REMARKS:											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature ADV FA TAC DATA SYS (B28600)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	520.1	25.9	28.9	11.8	8.9	2.9					598.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	520.1	25.9	28.9	11.8	8.9	2.9					598.5
Initial Spares											
Total Proc Cost	520.1	25.9	28.9	11.8	8.9	2.9					598.5
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The Advanced Field Artillery Tactical Data System (AFATDS) is the tool that performs automated fire support coordination for the Army, Navy, Air Force, and Marine Corps. Fire support is the effects of lethal and non-lethal weapons (fires) that directly support land, maritime, amphibious, and special operation forces to engage enemy forces, combat formations, and facilities in pursuit of tactical and operational objectives. Fire support coordination is the planning and execution of fires so that a suitable weapon or group of weapons adequately covers targets.</p> <p>AFATDS performs the attack analysis necessary to determine the optimal weapon target pairing to provide maximum use of the fire support assets. AFATDS will automatically implement detailed commander's guidance in the automation of operational planning, movement control, targeting, target value analysis and fire support planning. This project is a replacement system for the Initial Fire Support Automated System, Battery Computer System and Fire Direction System. AFATDS will interoperate with the other Army Battle Command Systems, current and future Army, Navy and Air Force Command and Control weapon systems, and the German, French, British, and Italian fire support systems. AFATDS automates the planning, coordinating and controlling of all fire support assets in the Joint battlespace (field artillery, mortars, close air support, naval gunfire, attack helicopters, and offensive electronic warfare) from Echelons Above Corps to Battery or Platoon in support of all levels of conflict. The system is composed of Common Hardware/Software employed in varying configurations at different operational facilities (or nodes) and unique system software interconnected by tactical communications in the form of a software-driven, automated network.</p> <p>This system uses non-developmental, ruggedized Common Hardware/Software, including the Unix Laptop Computer (ULC), Compact Computer Unit (CCU), Notebook Computer Unit (NCU) as well as vehicle installation kits (IKs). The current system support comes from the successful fielding of AFATDS Version A96 through 6.3.2, and Version 6.4.0.</p> <p>Justification: FY08 and FY 09 procures AFATDS systems to modernize the current Active Army and National Guard. This funding will ensure that BCTs and Fire BDEs will have AFATDS in time for the 09-11 rotation.</p> <p>The FY08 base program includes \$4.452 million for Grow the Army requirements. The increase will be used for initial fielding of AFATDS hardware to the new Army units.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment			P-1 Line Item Nomenclature: ADV FA TAC DATA SYS (B28600)			Weapon System Type:			Date: February 2007			
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Base Appropriation													
Hardware		13368	282		14625	282		4322	67		5434	81	
Project Management		2050			2105			782			845		
Engineering Support		2560			2968			764			902		
Interim Contractor Support		5250			6273			586			627		
Fielding													
Total Package Fielding		450			430			160			171		
New Equipment Training		2250			2545			770			871		
SBCT 2													
Subtotal		25928			28946			7384			8850		
Grow the Army													
Hardware								4452	56				
Sub-total								4452					
Note:													
The hardware cost is comprised of a mix of system configurations, IKs and peripherals. Unit costs are varied and are dependent upon the required configuration per vehicle. Therefore, a fixed unit cost cannot be identified.													
Total:		25928			28946			11836			8850		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment		Weapon System Type:	P-1 Line Item Nomenclature: ADV FA TAC DATA SYS (B28600)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
Base Appropriation											
Hardware											
FY 2006	General Dynamics Tauton, MA	C/OPTION	CECOM	Jan 06	Jul 06	282		YES			
FY 2007	General Dynamics Tauton, MA	C/OPTION	CECOM	Dec 06	Jun 07	282		YES			
FY 2008	General Dynamics Tauton, MA	C/OPTION	CECOM	Jan 08	Jul 08	67		YES			
FY 2009	General Dynamics Tauton, MA	C/OPTION	CECOM	Jan 09	Jul 09	81		YES			
Grow the Army											
FY 2008	General Dynamics Tauton, MA	C/OPTION	CECOM	Jan 08	Sep 08	56		YES			
Hardware											
REMARKS: The above hardware is COTS and will be procured off the existing common hardware software (CHS III) contract.											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature MOD OF IN-SVC EQUIP, AFATDS (B28620)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	8.8	4.8	5.4	13.5	14.5	19.4	20.6	19.7	19.7		126.4
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	8.8	4.8	5.4	13.5	14.5	19.4	20.6	19.7	19.7		126.4
Initial Spares											
Total Proc Cost	8.8	4.8	5.4	13.5	14.5	19.4	20.6	19.7	19.7		126.4
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The Advanced Field Artillery Tactical Data System (AFATDS) is the tool that performs automated fire support coordination for the Army, Navy, Air Force and Marine Corps. Fire support is the effects of lethal and non-lethal weapons (fires) that directly support land, maritime, amphibious, and special operations forces to engage enemy forces, combat formations, and facilities in pursuit of tactical and operational objectives. Fire support coordination is the planning and execution of fires so that a suitable weapon or group of weapons adequately covers targets.</p> <p>AFATDS performs the attack analysis necessary to determine the optimal weapon target pairing to provide maximum use of the fire support assets. AFATDS will automatically implement detailed commander's guidance in the automation of operational planning, movement control, targeting, target value analysis and fire support planning. This project is a replacement system for the Initial Fire Support Automated System (IFSAS), Battery Computer System (BCS) and Fire Direction System (FDS). AFATDS will interoperate with the other Army Battle Command Systems, current and future Army, Navy and Air Force Command and Control weapon systems, and the German, French, British, and Italian fire support systems. AFATDS automates the planning, coordinating and controlling of all fire support assets in the Joint battlespace (field artillery, mortars, close air support, naval gunfire, attack helicopters, and offensive electronic warfare) from Echelons Above Corps to Battery or Platoon in support of all levels of conflict. The system is composed of common hardware/software employed in varying configurations at different operational facilities (or nodes) and unique system software interconnected by tactical communications in the form of a software-driven, automated network. The system uses non-developmental, rugged common hardware/software, including the Unix Laptop Computer (ULC), Compact Computer Unit (CCU), Notebook Computer Unit (NCU) as well as vehicle installation kits (IKs).</p> <p>Department of the Army Hardware Re-Procurement policy is to replace systems every five years. Without replacement, systems will become obsolete, or effectiveness is significantly diminished in comparison to the capability growth of the current market. A rebuy or upgrade is required to maintain operational effectiveness of the aging hardware. Funding contained in this line provides for upgrade or replacement of the oldest AFATDS computer workstations or components as required to maintain operational effectiveness in the field. The current system support comes from the successful fielding of AFATDS Versions A96, 6.3.2 and V6.4.0.</p>											
<p>Justification: FY08/09 funding procures AFATDS systems, to modernize the current Active Army and National Guard.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: MOD OF IN-SVC EQUIP, AFATDS (B28620)			Weapon System Type:		Date: February 2007			
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Hardware		4836			5412			8027	124		8866	133	
Project Management								1383			1380		
Engineering Support								1410			1472		
Interim Contractor Support								1020			1023		
Fielding													
Total Package Fielding								260			279		
New Equipment Training								1400			1480		
Note:													
In FY06 and FY07 and prior, this line was a supporting line to AFATDS primary funding line: SSN B28600. It was used to purchase upgrades and upgrade kits for AFATDS. The primary line is phasing out as initial fieldings are completed. Commencing in FY08, this line will become the primary line. Thus, quantities will be identified in FY08 and out with no quantities reported in FY06 and FY07.													
In addition, the hardware cost consists of a mix of system configurations, IKs and peripherals. Unit costs are varied and are dependent upon the required configuration per vehicle. Therefore, a fixed unit cost cannot be identified.													
Total:		4836			5412			13500			14500		

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: February 2007</div> </div>											
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: MOD OF IN-SVC EQUIP, AFATDS (B28620)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Hardware FY 2008 FY 2009	General Dynamics Tauton, MA General Dynamics Tauton, MA		C/OPTION C/OPTION	CECOM CECOM	Jan 08 Jan 09	Jul 08 Jul 09	124 133		YES YES		
Note:											
REMARKS:											

Exhibit P-40M, Budget Item Justification Sheet											Date: February 2007	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature MOD OF IN-SVC EQUIP, AFATDS (B28620)						
Program Elements for Code B Items:								Code:		Other Related Program Elements:		
Description		Fiscal Years										
OSIP No.	Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total	
MOD OF IN-SVC, EQUIP, AFATDS												
0-00-00-0000		13610.0	5412.0	13500.0	14500.0	19357.0	20565.0	19680.0	19739.0	0.0	126363.0	
Totals		13610.0	5412.0	13500.0	14500.0	19357.0	20565.0	19680.0	19739.0	0.0	126363.0	

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Light Weight Technical Fire Direction Sys (LWTFDS) (B78400)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	73.9	5.4	6.0	2.7	2.5	0.5	0.4	0.3	0.2	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	73.9	5.4	6.0	2.7	2.5	0.5	0.4	0.3	0.2	Continuing	Continuing
Initial Spares											
Total Proc Cost	73.9	5.4	6.0	2.7	2.5	0.5	0.4	0.3	0.2	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: Prior to FY08, this Standard Study Number (SSN) funded the Lightweight Computer Unit (LCU), Gun Display Unit-Replacement (GDU-R) and the Centaur programs. beginning in FY08, this line funds Centaur only. Centaur replaces the Back-up Computer System (BUCS) which is no longer maintainable. Centaur is a handheld system which provides technical fire control for the cannon Fire Direction Center (FDC). Centaur serves as a backup technical fire direction capability in case the primary capability, Advanced Field Artillery Tactical Data System (AFATDS), fails. It can also be used as a secondary calculation check for AFATDS. In addition, Centaur provides early entry forces with the capability to compute automated cannon ballistic firing solutions before AFATDS arrives. Centaur consists of the NATO Armament Ballistic Kernel (NABK) computational software algorithm which is ported onto a Rugged Personal Digital Assistant (RPDA).</p> <p>Beginning in FY08, this program is no longer a stand alone, but will be realigned to fall under Fire Support C2 Family (B28501).</p> <p>Justification: FY08 and FY09 procures Centaur systems and funds fieldings to support Operation Enduring Freedom and Operation Iraqi Freedom.</p> <p>The FY 2008 base program includes an increase of \$.146 million for Grow the Army requirements. This increase will be used for initial fielding of Centaur hardware to the new Army units being established in FY08.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment			P-1 Line Item Nomenclature: Light Weight Technical Fire Direction Sys (LWTFDS) (B78400)			Weapon System Type:		Date: February 2007				
OPA2 Cost Elements		ID CD	FY 06 Total CostQtyUnit Cost		FY 07 Total CostQtyUnit Cost		FY 08 Total CostQtyUnit Cost			FY 09 Total CostQtyUnit Cost				
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Base Appropriation														
Hardware			3632	122		3242	648		585	117		1450	290	
Project Management Administration			864			880			467			488		
Engineering Support			553			1158			603			79		
Fielding			378			738			907			501		
Sub-Total			5427			6018			2562			2518		
Grow the Army														
Hardware									146	29	5			
Sub-Total									146					
Note: FY06 funds procured GDU-R while FY07-09 procure Centaur.														
Total:			5427			6018			2708			2518		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: Light Weight Techical Fire Direction Sys (LWTFDS) (B78400)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Base Appropriation Hardware											
FY 2006	General Dynamics Taunton, MA		C/Option	CE LCMC, Ft Monmouth, NJ	Aug 06	Jun 07	122		Yes		
FY 2007	General Dynamics Taunton, MA		C/Option	CE LCMC, Ft Monmouth,NJ	Jan 07	Sep 07	648		Yes		
FY 2008	General Dynamics Taunton, MA		C/Option	CE LCMC, Ft Monmouth,NJ	Jan 08	Sep 08	117		Yes		
FY 2009	General Dynamics Taunton, MA		C/Option	CE LCMC, Ft Monmouth,NJ	Jan 09	Sep 09	290		Yes		
Grow the Army Hardware											
FY 2008	General Dynamics Taunton, MA		C/Option	CE LCMC, Ft Monmouth, NJ	Jan 08	Sep 08	29		Yes		
REMARKS:											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature POCKET FORWARD ENTRY DEVICE (PFED) (BZ9851)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	192.2	9.0	9.3	6.6	4.5	3.1	3.1	1.0	1.0	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	192.2	9.0	9.3	6.6	4.5	3.1	3.1	1.0	1.0	Continuing	Continuing
Initial Spares											
Total Proc Cost	192.2	9.0	9.3	6.6	4.5	3.1	3.1	1.0	1.0	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: Prior to FY08, this Standard Study Number (SSN) funded the Lightweight Forward Entry Device/Ruggedized Handheld Computer (LFED/RHC) and PFED programs. Beginning in FY08, this line funds only PFED. PFED is a handheld forward entry device used by forward observers and fire support teams to transmit and receive fire support messages over standard military line of sight, High Frequency (HF) and Satellite Communication (SATCOM) radios. PFED is Windows Compact Edition (CE) based and utilizes existing Single Channel Ground and Airborne Radio System (SINCGARS) Advanced System Improvement Program (ASIP) communications to provide the lightest and most powerful dismounted system for developing Calls For Fire (CFF). PFED is fully interoperable with both Advanced Field Artillery Tactical Data Systems (AFATDS) and current fire support systems. When coupled with the existing and future laser ranging binoculars, Global Positioning System (GPS) devices and tactical communications equipment, the PFED system enables rapid precision Sensor-to-Shooter and Surveillance capabilities. PFED integrates these systems improving their function as a whole and increasing their performance as a system of systems. PFED software is hosted on a Rugged Personal Digital Assistant (RPDA).</p> <p>Beginning in FY08, this program is no longer a stand alone, but will be realigned to fall under Fire Support C2 Family (B28501).</p> <p>Justification: FY08 and FY09 procures PFED systems and funds fieldings to support Operation Enduring Freedom/Operation Iraqi Freedom.</p> <p>The FY08 base program includes an increase of \$1.894 million for Grow the Army requirements. This increase will be used for initial fielding of PFED hardware to the new Army units.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: POCKET FORWARD ENTRY DEVICE (PFED) (BZ9851)				Weapon System Type:		Date: February 2007		
OPA2 Cost Elements		ID	FY 06			FY 07			FY 08			FY 09		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Base Appropriation														
Hardware			7064	305		6241	358		2162	136		3450	217	
Project Management Administration			723			1100			536			545		
Engineering Support			802			966			845			130		
Fielding			404			961			1137			367		
Sub-Total			8993			9268			4680			4492		
Grow the Army														
Hardware									1894	119	16			
Sub-Total									1894					
Note: FY06- FY07 procures both LFED/RHC and PFED systems.														
FY08-FY09 procures only PFED systems.														
Total:			8993			9268			6574			4492		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007		
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: POCKET FORWARD ENTRY DEVICE (PFED) (BZ9851)							
WBS Cost Elements:		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Base Appropriation Hardware												
FY 2006		General Dynamics Taunton, MA		C/Option	CE LCMC, Ft Monmouth,NJ	Aug 06	Jun 07	305		Yes		
FY 2007		General Dynamics Taunton, MA		C/Option	CE LCMC, Ft Monmouth, NJ	Jan 07	Sep 07	358		Yes		
FY 2008		General Dynamics Taunton, MA		C/Option	CE LCMC, Ft Monmouth,NJ	Jan 08	Sep 08	136		Yes		
FY 2009		General Dynamics Taunton, MA		C/Option	CE LCMC, Ft Monmouth,NJ	Jan 09	Sep 09	217		Yes		
Grow the Army Hardware												
FY 2008		General Dynamics Taunton, MA		C/Option	CE LCMC, Ft Monmouth, NJ	Jan 08	Sep 08	119		Yes		
REMARKS:												

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Battle Command Sustainment Support System (BCS3) (W34600)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	197.9	30.5	31.9	33.8	30.0	25.8	8.8				358.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	197.9	30.5	31.9	33.8	30.0	25.8	8.8				358.6
Initial Spares											
Total Proc Cost	197.9	30.5	31.9	33.8	30.0	25.8	8.8				358.6
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The Battle Command Sustainment Support System (BCS3) is the logistics Command and Control (C2) solution for U.S. land forces. BCS3 provides commanders the capability to execute end-to-end distribution and deployment management and brings better situational awareness resulting in better decision-making capability to warfighters. It enables warfighters to target, access, scale and tailor critical logistics information in near-real time. BCS3 provides more effective means to gather and integrate asset and in-transit information to manage distribution and deployment missions. BCS3 combines distribution management to include commodity and convoy tracking, and deployment management into a logistics Common Operating Picture (COP) for one mission-focused visual display.</p> <p>BCS3 has been adopted and integrated into Joint and strategic logistics command and control processes. BCS3 is the only near-term end-to-end logistics COP solution for the Joint commander. BCS3 will maintain its core capabilities and continue to advance in development while integrating into the Joint command and control architecture. This continued development will enable decision superiority via advanced collaborative information sharing achieved through interoperability.</p> <p>BCS3 has immediate, high pay-off benefit to warfighters and additional future growth in its capabilities. BCS3 is a force multiplier, a precision tool for logistics planning and execution that provides warfighters with the necessary tools to succeed.</p>											
<p>Justification: FY08 and FY09 procures and fields user work stations for BCS3. Fielding locations include Republic of Korea, Japan, Hawaii, Germany, Ft Bragg, Ft Riley, Ft Sill, Ft Lewis, Ft Hood, Ft Irwin, and Ft Polk, as well as other smaller locations for Active Component, Army Reserve, and National Guard units.</p> <p>Equipment required in FY08 and FY09 supports the Chief of Staff Army (CSA) priority for fielding ABCS 6.4 capability and supporting modularity transformation in this timeframe to include 1st AD, 1st ID, 2nd ID, 18th Fires BDE, 75th Fires BDE, and 212th Fires BDE.</p> <p>FY06 total includes supplemental funding of \$21.6 million to support the global war on terrorism (GWOT).</p>											

Exhibit P-40, Budget Item Justification Sheet		Date: February 2007
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment		P-1 Item Nomenclature Battle Command Sustainment Support System (BCS3) (W34600)
Program Elements for Code B Items:	Code:	Other Related Program Elements:
<p>The FY08 base program includes an increase of \$.828 million for Grow the Army requirements. This increase will be used to procure hardware for emerging requirements.</p> <p>FY08 Appropriation - \$32.935 Million FY08 "Grow the Army" - \$0.828 Million FY08 Total - \$33.763 Million</p>		

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: Battle Command Sustainment Support System (BCS3) (W34600)				Weapon System Type:		Date: February 2007	
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Base													
High Capacity Computer Unit (HCU) CSSCS													
Versatile Computer Unit (VCU) CSSCS													
Notebook Computer Unit (NCU) CSSCS													
PEO EIS H/W													
PEO EIS Combat Service Support VSAT Sys													
Battle Command Common Server Suites													
Server BCS3													
Guard Server													
Peripherals (Printer,Mounts, AIS device)													
Standard Integrated Command Post System													
Hardware Upgrade													
Total Package Fielding (TPF)													
New Equipment Training (NET)													
First Destination Trans (FDT)													
Other													
BCS3 Computer		2644	661	4.0	2836	709	4.0	3024	756	4.0	2120	530	4.0
Program Management		4065			4187			4313			4442		
Software Maintenance		3804			3919			4036			4157		
Engineering Support		2835			2921			3009			3099		
Fielding		2960			3018			2887			2085		
Interim Contractor Support (ICS)		8775			9221			9780			8160		
Software Support / Licenses		5448			5756			5886			5924		
Base Total		30531			31858			32935			29987		
Grow the Army													
BCS3 Computer 2								288	72	4.0			
Software Support / Licenses								540					
Grow the Army Total								828					
Total:		30531			31858			33763			29987		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: Battle Command Sustainment Support System (BCS3) (W34600)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Base											
BCS3 Computer											
FY 2006	iGov McLean, VA		C/FP/OPT	CECOM, Ft. Monmouth, NJ	Mar 06	Jun 06	661	4			
FY 2007	iGov McLean, VA		C/FP/OPT	CECOM, Ft. Monmouth, NJ	Mar 07	Jun 07	709	4			
FY 2008	iGov McLean, VA		C/FP/OPT	CECOM, Ft. Monmouth, NJ	Mar 08	Jun 08	756	4			
Grow the Army											
BCS3 Computer 2											
FY 2008	iGov McLean, VA		C/FP/OPT	CECOM, Ft. Monmouth, NJ	Mar 08	Jun 08	72	4			
REMARKS:											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature AIR & MSL DEFENSE PLANNING & CONTROL SYS (AMD PCS) (AD5070)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										Continuing	Continuing
Gross Cost	59.3	102.7	69.0	40.4	37.4	74.6	28.1	24.4	24.3	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	59.3	102.7	69.0	40.4	37.4	74.6	28.1	24.4	24.3	Continuing	Continuing
Initial Spares											
Total Proc Cost	59.3	102.7	69.0	40.4	37.4	74.6	28.1	24.4	24.3	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description:</p> <p>The Air and Missile Defense Planning and Control System (AMDPCS) is an Army Objective Force System that provides integration of Air and Missile Defense (AMD) operations at all echelons. AMDPCS systems are deployed with Air Defense Artillery (ADA) brigades, Army Air and Missile Defense Commands (AAMDCs), and Air Defense and Airspace Management (ADAM) Cells at the Brigade Combat Teams (BCTs), Fires Brigades and Divisions. AMDPCS systems also provide air defense capabilities to Homeland Defense systems. The development of ADAM Cells is essential in fulfilling the Army's Modularity requirement. ADAM Cells provide the Commander at BCTs, Brigades and Divisions with air defense situational awareness and airspace management capabilities. They also provide the interoperability link with Joint, multinational and coalition forces. AMDPCS components are vital in the transformation of ADA units and the activation of the Maneuver Air & Missile Defense (MAMD) Composite Battalions. AMDPCS provides these organizations with shelters, automated data processing equipment, tactical communications, standard vehicles and tactical power, and the two major software systems used in air defense force operations/engagement operations: the Air and Missile Defense Workstation (AMDWS) and the Air Defense System Integrator (ADSI). The AMDWS is a missile defense staff planning and battlespace situational awareness tool that provides commanders at all echelons with a common tactical and operational air picture. The AMDWS is being fielded to all AMDPCS units, including the ADA Brigades, the AAMDCs and the ADAM Cells, as well as to the Maneuver Air and Missile Defense Battalions and Batteries. AMDWS provides the Battle Command (BC) capabilities imbedded within the Warfighter Mission area. AMDWS is the Net-centric interface to BC for all components of the Air and Missile Defense (AMD) force. AMDPCS also provides the ADA Brigades, AAMDCs and ADAM Cells with a fire control system via the ADSI, which monitors and controls air battle engagement operations by subordinate or attached air defense units. In support of Joint Command and Control operations, the AMDPCS is the Army component of interoperable Joint Theater Air and Missile Defense (JTAMD) BM/C4I. The AMDPCS enables coordination of Active, Passive and air defense Attack Operations, as well as providing a correlated single integrated air picture (SIAP) to Army AMD and Joint Forces. A significant accomplishment in the 3rd and 4th QTR, FY05, was the fielding of ADAM Cells to the BCTs and Divisional TAC1/TAC2 in the 4th Infantry Division, the 10th Mountain Division, and the 101st Air Assault Division. Fielding of ADAM Cells to the 1st Calvary Division and the 25th Infantry Division TACs and BCTs continues in the 2nd and 3rd QTR, FY06. In support of the Global War on Terrorism (GWOT), AMDWS and ADSIs are vital components of the ADA units, the AAMDC and ADAM Cells that are deployed in Iraq and Afghanistan. In addition, these components have been integrated into non-ADA higher headquarters such as the Coalition Forces Land Component Command (CFLCC). AMDWS is a critical component in the integration and fielding of a Counter-Rocket, Artillery and Mortar (C-RAM) capability to Forward Operating Bases (FOBs) in Iraq and elsewhere. These AMDPCS systems provide the common tactical air picture, a major component of the Common Operating Picture (COP), and are critical to the development and planning of offensive and defensive operations.</p> <p>Justification:</p>											

Exhibit P-40, Budget Item Justification Sheet		Date: February 2007
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment		P-1 Item Nomenclature AIR & MSL DEFENSE PLANNING & CONTROL SYS (AMD PCS) (AD5070)
Program Elements for Code B Items:	Code:	Other Related Program Elements:
<p>AMDPCS FY08 base procurements include four ADAM Cells, which will be deployed with the XVIII Corps Headquarters and three ARNG Infrantry Brigade Combat Teams (BCTs).</p> <p>The FY08 base program includes \$20.751 million for Grow the Army requirements. This increase will be used to procure and field five (5) additional ADAM Cells for the ARNGs and provide funding for the procurement/fielding of AMDPCS to one Air Defense Artillery (ADA) Brigade.</p> <p>FY08 Base: \$19.611 Million - Qty 4 FY08 Grow the Army: \$20.751 Million - Qty 5 Total: \$40.362 Million</p>		

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment			P-1 Line Item Nomenclature: AIR & MSL DEFENSE PLANNING & CONTROL SYS (AMD PCS) (AD5070)			Weapon System Type:		Date: February 2007			
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Base													
1. System Integration/Hardware		67994	31	2193	44598	16	2787	9790	4	2448	21938	9	2438
2. Project Management Administration		2510			2673			2729			2969		
3. Fielding (TPF,NET)		15539			11174			2800			5630		
4. Contractor Field Support		13800			8369			2572			4745		
5. Software Maintenance Support		2873			2197			1720			2068		
Base Total		102716			69011			19611			37350		
Grow the Army													
1. System Integration/Hardware								13944	5	2789			
2. Project Mgmt Admin								509					
3. Fielding (TPF, NET)								3111					
4. Contractor Field Spt								2887					
5. SW Maintenance Support								300					
Grow the Army Total								20751					
Total:		102716			69011			40362			37350		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: AIR & MSL DEFENSE PLANNING & CONTROL SYS (AMD PCS) (AD5070)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Base 1. System Integration/Hardware <div> <div>FY 2006</div> <div>Northrop Grumman/NGMS (TRW) Huntsville, AL</div> <div>C</div> <div>AMCOM</div> <div>Feb 06</div> <div>Jun 06</div> <div>31</div> <div>2193</div> <div>Yes</div> <div></div> <div></div> </div> <div> <div>FY 2007</div> <div>Northrop Grumman/NGMS (TRW) Huntsville, AL</div> <div>C</div> <div>AMCOM</div> <div>Dec 06</div> <div>May 07</div> <div>16</div> <div>2787</div> <div>Yes</div> <div></div> <div></div> </div> <div> <div>FY 2008</div> <div>Northrop Grumman/NGMS (TRW) Huntsville, AL</div> <div>C</div> <div>AMCOM</div> <div>Dec 07</div> <div>Jun 08</div> <div>4</div> <div>2637</div> <div></div> <div></div> <div></div> </div> <div> <div>FY 2009</div> <div>Northrop Grumman/NGMS (TRW) Huntsville, AL</div> <div>C</div> <div>AMCOM</div> <div>Dec 08</div> <div>Jun 09</div> <div>9</div> <div>2438</div> <div></div> <div></div> <div></div> </div> Grow the Army 1. System Integration/Hardware <div> <div>FY 2008</div> <div>General Dynamincs Government Taunton, MA</div> <div>C</div> <div>AMCOM</div> <div>Dec 07</div> <div>Jun 08</div> <div>5</div> <div>2637</div> <div></div> <div></div> <div></div> </div>											
REMARKS:											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Knight Family (B78504)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	227	64	41	50	38	41	41	40	25		567
Gross Cost	136.2	112.8	74.1	94.3	73.4	80.5	85.2	87.7	90.0		834.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	136.2	112.8	74.1	94.3	73.4	80.5	85.2	87.7	90.0		834.2
Initial Spares											
Total Proc Cost	136.2	112.8	74.1	94.3	73.4	80.5	85.2	87.7	90.0		834.2
Flyaway U/C											
Weapon System Proc U/C	0.6	1.8	1.8	1.9	1.9	2.0	2.1	2.2	3.6		17.8
<p>Description: The M1200 Armored Knight provides precision strike capability by accurately locating and designating targets for both ground and air-delivered laser-guided ordnance and conventional munitions. It replaces the M707 Knight High Mobility Multi-Purpose Wheeled Vehicle (HMMWV base) and M981 Fire Support Team Vehicle (M113 base) used by Combat Observation Lasing Teams (COLT) in both Heavy and Infantry Brigade Combat Teams. It operates as an integral part of the brigade reconnaissance element, providing COLT and fire support mission planning and execution. The Armored Knight is a M1117 Armored Security Vehicle (ASV)- based platform providing enhanced survivability and maneuverability. The system includes a full 360-degree armored cupola and integrated Knight Mission Equipment Package that is common with the M7 Bradley Fire Support Team (BFIST)/M707 Knight and the Stryker Fire Support Vehicle. The common components are: > FS3 (Fire Support Sensor System) mounted sensor > Targeting Station Control Panel > Mission Processor Unit > Inertial Navigation Unit > Defense Advanced Global Positioning System Receiver > Power Distribution Unit > Stand-alone Computer Unit Additionally the Armored Knight is configured with 3 Single Channel Ground to Air Radio Systems (SINCGARS), Force XX1 Battle Command, Brigade and Below (FBCB2)/Blue Force Tracking (BFT), Driver's Display Unit (DDU), Vehicle Intercom System (VIS), etc.</p> <p>Justification: FY08/FY09 procures 74 (36/38) M1200 Armored Knight Vehicles. This will enable Knight to meet the Army's modularity requirements with FS3 objective sensor, improved survivability (14.5 armor protection, Nuclear, Biological and Chemical (NBC), Fire Suppression) , mobility, mission payload, gross vehicle weight, and growth potential. FY08 Grow the Army Funding (GTA) procures 14 additional M1200 Armored Knight Vehicles. FY06/07 totals include supplemental funding of \$112.8 million and \$50 million respectively, to support the global war on terrorism (GWOT). FY 2008 Base Appropriation \$68,280 (Qty 36) FY 2008 Grow the Army \$26,000 (Qty 14)</p>											

Exhibit P-40, Budget Item Justification Sheet		Date: February 2007
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment		P-1 Item Nomenclature Knight Family (B78504)
Program Elements for Code B Items:	Code:	Other Related Program Elements:
FY 2008 Total \$94,280 (Qty 50)		

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature KNIGHT-COMMAND AND CONTROL SYSTEM (B78500)					
Program Elements for Code B Items: 0203758A			Code: B		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	227	64	41	50	38	41	41	40	25		567
Gross Cost	136.2	112.8	74.1	94.3	73.4	80.5	85.2	87.7	90.0		834.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	136.2	112.8	74.1	94.3	73.4	80.5	85.2	87.7	90.0		834.2
Initial Spares											
Total Proc Cost	136.2	112.8	74.1	94.3	73.4	80.5	85.2	87.7	90.0		834.2
Flyaway U/C											
Weapon System Proc U/C	0.6	1.8	1.8	1.9	1.9	2.0	2.1	2.2	3.6		17.8
<p>Description: The M1200 Armored Knight provides precision strike capability by accurately locating and designating targets for both ground and air-delivered laser-guided ordnance and conventional munitions. It replaces the M707 Knight High Mobility Multi-Purpose Wheeled Vehicle (HMMWV base) and M981 Fire Support Team Vehicle (M113 base) used by Combat Observation Lasing Teams (COLT) in both Heavy and Infantry Brigade Combat Teams. It operates as an integral part of the brigade reconnaissance element, providing COLT and fire support mission planning and execution. The Armored Knight is a M1117 Armored Security Vehicle (ASV)- based platform providing enhanced survivability and maneuverability. The system includes a full 360-degree armored cupola and integrated Knight Mission Equipment Package that is common with the M7 Bradley Fire Support Team (BFIST)/M707 Knight and the Stryker Fire Support Vehicle. The common components are: > FS3 (Fire Support Sensor System) mounted sensor > Targeting Station Control Panel > Mission Processor Unit > Inertial Navigation Unit > Defense Advanced Global Positioning System Receiver > Power Distribution Unit > Stand-alone Computer Unit Additionally the Armored Knight is configured with 3 Single Channel Ground to Air Radio Systems (SINCGARS), Force XX1 Battle Command, Brigade and Below (FBCB2)/Blue Force Tracking (BFT), Driver's Display Unit (DDU), Vehicle Intercom System (VIS), etc.</p> <p>Justification: FY08/FY09 procures 74 (36/38) M1200 Armored Knight Vehicles. This will enable Knight to meet the Army's modularity requirements with FS3 objective sensor, improved survivability (14.5 armor protection, Nuclear, Biological and Chemical (NBC), Fire Suppression) , mobility, mission payload, gross vehicle weight, and growth potential. FY08 Grow the Army Funding procures 14 additional M1200 Armored Knight Vehicles. FY06/07 totals include supplemental funding of \$112.8 million and \$50 million respectively, to support the global war on terrorism (GWOT).</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: KNIGHT-COMMAND AND CONTROL SYSTEM (B78500)				Weapon System Type:		Date: February 2007		
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Armored Knight Production - Base		32995	64	516	21624	41	527	20962	36	582	22593	38	595
Armored Knight Production - GTA								8153	14	582			
FS3 Sensor - Base		19648	64	307	12876	41	314	11546	36	321	12444	38	327
FS3 Sensor - GTA								4491	14	321			
Chassis (ASV) - Base		46081	64	720	28372	41	692	25442	36	707	27420	38	722
Chassis (ASV) - GTA								9894	14	707			
SUBTOTAL		98724			62872			80488			62457		
Engineering Contractor - Base		3018			4778			4292			4433		
Engineering Contractor - GTA								1640					
Government Support - Base		1565			1525			1635			1669		
Government Support - GTA								458					
Fielding - Base		6344			4231			3657			4052		
Fielding - GTA								1155					
Test & Evaluation - Base		3149			730			746			762		
Test & Evaluation - GTA								209					
SUBTOTAL		14076			11264			13792			10916		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007		
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: KNIGHT-COMMAND AND CONTROL SYSTEM (B78500)							
WBS Cost Elements:		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Armored Knight Production - Base												
FY 2006		DRS-SSI West Plains, MO		SS/FFP	TACOM, Warren, MI	Sep 06	Mar 08	64	516	yes		
FY 2007		DRS-SSI West Plains, MO		SS/FFP	TACOM, Warren, MI	Nov 06	Jan 09	41	527	yes		
FY 2008 Base		DRS-SSI West Plains, MO		SS/FFP	TACOM, Warren, MI	Jan 08	Jul 09	36	582	yes		
FY 2009		DRS-SSI West Plains, MO		SS/FFP	TACOM, Warren, MI	Jan 09	Jul 10	38	595	yes		
FY 2008 GTA		DRS-SSI West Plains, MO		SS/FFP	TACOM, Warren, MI	Jan 08	Jul 09	14	582	yes		
FS3 Sensor - Base												
FY 2006		Raytheon Corp. McKinney TX		SS/FFP	TACOM, Warren, MI	Jul 06	Oct 07	64	307	yes		
FY 2007		Raytheon Corp. McKinney TX		SS/FFP	TACOM, Warren, MI	Nov 06	Feb 08	41	314	yes		
FY 2008 Base		Raytheon Corp. McKinney TX		SS/FFP	TACOM, Warren, MI	Jan 08	Mar 09	36	321	yes		
FY 2009		Raytheon Corp. McKinney TX		SS/FFP	TACOM, Warren, MI	Jan 09	Mar 10	38	327	yes		
FY 2008 GTA		Raytheon Corp. McKinney TX		SS/FFP	TACOM, Warren, MI	Jan 08	Mar 09	14	321	yes		
Chassis (ASV) - Base												
FY 2006		Textron Marine & Land Systems New Orleans, LA		Options	TACOM, Warren, MI	Sep 06	Sep 07	64	720	No		
FY 2007		Textron Marine & Land Systems New Orleans, LA		Options	TACOM, Warren, MI	Nov 06	Jul 08	41	692	No		
FY 2008 Base		Textron Marine & Land Systems New Orleans, LA		Options	TACOM, Warren, MI	Jan 08	Jan 09	36	707	No		
FY 2009		Textron Marine & Land Systems New Orleans, LA		Options	TACOM, Warren, MI	Jan 09	Jan 10	38	722	No		
FY 2008 GTA		Textron Marine & Land Systems New Orleans, LA		Options	TACOM, Warren, MI	Jan 08	Jan 09	14	707	No		
REMARKS: The ASV contract is part of the overall procurement buy with PM, Tactical Wheeled Vehicles.												

<div> <div>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</div> <div> <div>P-1 ITEM NOMENCLATURE KNIGHT-COMMAND AND CONTROL SYSTEM (B78500)</div> <div>Date: February 2007</div> </div> </div>																																		
COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06														Calendar Year 07														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
2. FS3 Sensor																																		
2	FY 06	A	64	0	64										A													64						
2	FY 07	A	41	0	41													A										41						
2	FY 08 GTA	A	14	0	14																							14						
2	FY 08 Base	A	36	0	36																							36						
2	FY 09	A	38	0	38																							38						
3. Chassis (ASV)																																		
3	FY 06	A	64	0	64											A											7	57						
3	FY 07	A	41	0	41													A										41						
3	FY 08 GTA	A	14	0	14																							14						
3	FY 08 Base	A	36	0	36																							36						
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS The ASV contract is part of the overall procurement buy with PM Tactical Wheeled Vehicles.																			
						MIN	1-8-5	MAX				Prior 1 Oct																After 1 Oct						
1	DRS-SSI, West Plains, MO					3	5	16		1	Initial	0	12	18														30						
											Reorder	0	2	26														28						
2	Raytheon Corp., McKinney TX					5	45	60		2	Initial	0	10	15														25						
											Reorder	0	2	15														17						
3	Textron Marine & Land Systems, New Orleans, LA					1	12	48		3	Initial	0	12	12														24						
											Reorder	0	2	20														22						
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

<div> <div>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</div> <div> P-1 ITEM NOMENCLATURE KNIGHT-COMMAND AND CONTROL SYSTEM (B78500) </div> <div> Date: February 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06														Calendar Year 07														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
3	FY 09	A	38	0	38																									38				
1. Armored Knight Production																																		
1	FY 06	A	64	0	64												A												64					
1	FY 07	A	41	0	41														A										41					
1	FY 08 GTA	A	14	0	14																								14					
1	FY 08 Base	A	36	0	36																								36					
1	FY 09	A	38	0	38																								38					
Total			579		579																							7	572					
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS The ASV contract is part of the overall procurement buy with PM Tactical Wheeled Vehicles.																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
1	DRS-SSI, West Plains, MO					3	5	16	1	Initial	0	12	18	30																				
										Reorder	0	2	26	28																				
2	Raytheon Corp., McKinney TX					5	45	60	2	Initial	0	10	15	25																				
3	Textron Marine & Land Systems, New Orleans, LA					1	12	48		Reorder	0	2	15	17																				
									3	Initial	0	12	12	24																				
										Reorder	0	2	20	22																				
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								

FY 08 / 09 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE KNIGHT-COMMAND AND CONTROL SYSTEM (B78500)										Date: February 2007									
COST ELEMENTS						Fiscal Year 08												Fiscal Year 09														Later	
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 08												Calendar Year 09												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
2. FS3 Sensor																																	
2	FY 06	A	64	0	64	10	15	15	15		9																		0				
2	FY 07	A	41	0	41					13	20		8																0				
2	FY 08 GTA	A	14	0	14				A													5	5	4					0				
2	FY 08 Base	A	36	0	36				A													10	10	10	6				0				
2	FY 09	A	38	0	38															A									38				
3. Chassis (ASV)																																	
3	FY 06	A	64	7	57	4	6	7	7	7	7	8	8	3															0				
3	FY 07	A	41	0	41									8	7	7	7	7	5										0				
3	FY 08 GTA	A	14	0	14				A											3	3	3	3	2					0				
3	FY 08 Base	A	36	0	36				A											3	3	3	3	3	3	3	3	3	9				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR			ADMIN LEAD TIME		MFR After 1 Oct	TOTAL		REMARKS The ASV contract is part of the overall procurement buy with PM, Tactical Wheeled Vehicles.															
						MIN	1-8-5	MAX					Prior 1 Oct	After 1 Oct		After 1 Oct																	
1	DRS-SSI, West Plains, MO					3	5	16		1	Initial		0	12		18	30																
											Reorder		0	2		26	28																
2	Raytheon Corp., McKinney TX					5	45	60		2	Initial		0	10		15	25																
											Reorder		0	2		15	17																
3	Textron Marine & Land Systems, New Orleans, LA					1	12	48		3	Initial		0	12		12	24																
											Reorder		0	2		20	22																
											Initial																						
											Reorder																						
											Initial																						
											Reorder																						

FY 08 / 09 BUDGET PRODUCTION SCHEDULE												P-1 ITEM NOMENCLATURE KNIGHT-COMMAND AND CONTROL SYSTEM (B78500)												Date: February 2007											
COST ELEMENTS						Fiscal Year 08												Fiscal Year 09												Later					
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08												Calendar Year 09																	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
3	FY 09	A	38	0	38																A									38					
1. Armored Knight Production																																			
1	FY 06	A	64	0	64						7	4	6	6	6	6	7	7	7	8										0					
1	FY 07	A	41	0	41																8	7	7	7	7	5				0					
1	FY 08 GTA	A	14	0	14				A																		3	3	3	5					
1	FY 08 Base	A	36	0	36				A																		3	3	3	27					
1	FY 09	A	38	0	38																A									38					
Total			579	7	572	14	21	22	22	20	43	12	22	9	14	13	14	14	14	13	14	13	28	28	26	14	9	9	9	155					
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
M F R	Name - Location							PRODUCTION RATES			Reached D+	MFR			ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS The ASV contract is part of the overall procurement buy with PM, Tactical Wheeled Vehicles.																
							MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct																						
1	DRS-SSI, West Plains, MO							3	5	16		1	Initial	0	12	18	30																		
													Reorder	0	2	26	28																		
2	Raytheon Corp., McKinney TX							5	45	60		2	Initial	0	10	15	25																		
3	Textron Marine & Land Systems, New Orleans, LA							1	12	48			Reorder	0	2	15	17																		
												3	Initial	0	12	12	24																		
													Reorder	0	2	20	22																		
													Initial																						
													Reorder																						
													Initial																						
													Reorder																						

<div> <div>FY 10 / 11 BUDGET PRODUCTION SCHEDULE</div> <div> <div>P-1 ITEM NOMENCLATURE KNIGHT-COMMAND AND CONTROL SYSTEM (B78500)</div> <div>Date: February 2007</div> </div> </div>																																		
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10														Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
2. FS3 Sensor																																		
2	FY 06	A	64	64																								0						
2	FY 07	A	41	41																								0						
2	FY 08 GTA	A	14	14																								0						
2	FY 08 Base	A	36	36																								0						
2	FY 09	A	38	0	38						10	10	10	8														0						
3. Chassis (ASV)																																		
3	FY 06	A	64	64																								0						
3	FY 07	A	41	41																								0						
3	FY 08 GTA	A	14	14																								0						
3	FY 08 Base	A	36	27	9	3	3	3																				0						
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
					MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct				The ASV contract is part of the overall procurement buy with PM, Tactical Wheeled Vehicles.																			
1	DRS-SSI, West Plains, MO					3	5	16		1	Initial	0	12	18	30																			
											Reorder	0	2	26	28																			
2	Raytheon Corp., McKinney TX					5	45	60		2	Initial	0	10	15	25																			
3	Textron Marine & Land Systems, New Orleans, LA					1	12	48			Reorder	0	2	15	17																			
										3	Initial	0	12	12	24																			
											Reorder	0	2	20	22																			
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

FY 10 / 11 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE KNIGHT-COMMAND AND CONTROL SYSTEM (B78500)										Date: February 2007														
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10														Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
3	FY 09	A	38	0	38				3	3	3	4	3	3	3	4	3	3	3	3									0					
1. Armored Knight Production																																		
1	FY 06	A	64	64																								0						
1	FY 07	A	41	41																								0						
1	FY 08 GTA	A	14	9	5	3	2																					0						
1	FY 08 Base	A	36	9	27	3	3	3	3	3	3	3	3	3														0						
1	FY 09	A	38	0	38										3	3	3	4	3	3	3	4	3	3	3	3		0						
Total			579	424	155	9	8	6	6	6	16	17	16	14	6	7	6	7	6	6	3	4	3	3	3	3								
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
1	DRS-SSI, West Plains, MO					3	5	16		1	Initial	0	12	18	30	The ASV contract is part of the overall procurement buy with PM, Tactical Wheeled Vehicles.																		
										2	Reorder	0	2	26	28																			
2	Raytheon Corp., McKinney TX					5	45	60		2	Initial	0	10	15	25																			
3	Textron Marine & Land Systems, New Orleans, LA					1	12	48			Reorder	0	2	15	17																			
										3	Initial	0	12	12	24																			
											Reorder	0	2	20	22																			
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature TC AIMS II (BZ8900)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	105.4	14.9	29.9	29.4	31.5	17.6	16.3	13.6	21.9	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	105.4	14.9	29.9	29.4	31.5	17.6	16.3	13.6	21.9	Continuing	Continuing
Initial Spares											
Total Proc Cost	105.4	14.9	29.9	29.4	31.5	17.6	16.3	13.6	21.9	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: The Transportation Information Systems (TIS) Project Office for Transportation Coordinators-Automated Information for Movement System II (TC-AIMS II) is a program which will reduce redundancy by consolidating management of the unit/installation-level transportation functions of Unit Movement and Load Planning. Provides critical capability to deploying units so they can build and sustain combat power. TC-AIMS II provides the unit the critical capability by enabling Sustainment operations that enable and improve combat readiness through improved operational readiness for combat systems.</p> <p>Cargo Movement Operations System (CMOS) will interface with TC-AIMS II and provide the sole DoD capability to automate a Theater Distribution Center's (TDC) operations. CMOS is operating in 21st Theater Support Command and automates the receipt, cross-docking, manifesting and shipment of cargo arriving via all modes to all supported destinations. This automated TDC provides visibility and traceability of items being distributed to deployed forces and retrograded to National providers.</p> <p>Justification: FY08/09 procures initial and replacement TC-AIMS II hardware to operate an Enterprise implementation and automated information technology (AIT) for Army early deployment Power Project Platforms and Power Support Platforms; supports the procurement of a Regional Access Node (RAN) and the hardware replacement at two RANs in order to keep the TIS Enterprise operational. In addition, FY08/09 procures training for approximately 25 high priority units at the BCT and Command level and fielding at an undetermined number of locations. Additional AIT equipment for USAREUR will also be procured.</p> <p>The FY08 Base program includes an increase of \$362K for Grow the Army requirements. This increase will procure 1 computer system: Digital AN/TYQ 129(V)1; 2 computer systems: Digital AN/TYQ 129(V)2; and 1 Interrogator Set: AN/TYX 1.</p> <p>FY2008 Base Appropriation: \$29.037 million FY2008 Grow the Army: \$.362 million FY2008 Total: \$29.399 million</p>											

Exhibit P-40, Budget Item Justification Sheet		Date: February 2007
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment		P-1 Item Nomenclature TC AIMS II (BZ8900)
Program Elements for Code B Items:	Code:	Other Related Program Elements:
<p>FY07 total includes supplemental funding of \$.124 million to support the global war on terrorism (GWOT).</p>		

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment			P-1 Line Item Nomenclature: TC AIMS II (BZ8900)			Weapon System Type:		Date: February 2007			
OPA2 Cost Elements		ID CD	FY 06 Total CostQtyUnit Cost		FY 07 Total CostQtyUnit Cost		FY 08 Total CostQtyUnit Cost			FY 09 Total CostQtyUnit Cost			
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	Each	\$000
Base Appropriation													
Deployment Support & Training		A	8112			9067			10023			11097	
Hardware & Automated Info Technology		A	6784			20856			19014			20403	
Grow the Army													
Hardware & Automated Info Technology								362					
Total:			14896			29923			29399			31500	

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: TC AIMS II (BZ8900)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Base Appropriation											
Deployment Support & Training											
FY 2006	CSC Springfield, VA		C/CPAF	GSA/FEDSIM	Apr 06	Apr 06			YES		
FY 2006	Titan Systems Springfield, VA		T&M	ITEC4	Sep 05	Sep 05			YES		
FY 2007	TBS		C/CPAF	GSA/FEDSIM	TBD	TBD			YES		
FY 2007	Titan Systems Springfield, VA		T&M	ITEC4	Sep 06	Sep 06			YES		
FY 2008	TBS		C/CPAF	GSA/FEDSIM	TBD	TBD			YES		
FY 2008	Titan Systems Springfield, VA		T&M	ITEC4	Sep 07	Sep 07			YES		
Hardware & Automated Info Technology											
FY 2006	VAR*		C/FP	ITEC4 or GSA	Nov 05	Jan 06			YES		
FY 2006	VAR*		C/FP	ITEC4 or GSA	Feb 06	May 06			YES		
FY 2006	VAR*		C/FP	ITEC4 or GSA	May 06	Jul 06			YES		
FY 2007	VAR*		C/FP	ITEC4 or GSA	Oct 06	Jan 07			YES		
FY 2007	VAR*		C/FP	ITEC4 or GSA	Jan 07	Apr 07			YES		
FY 2007	VAR*		C/FP	ITEC4 or GSA	Apr 07	Jul 07			YES		
FY 2008	VAR*		C/FP	ITEC4 or GSA	Oct 07	Jan 08			YES		
FY 2008	VAR*		C/FP	ITEC4 or GSA	Jan 08	Apr 08			YES		
Grow the Army											
FY 2008	VAR*		C/FP	ITEC4 or GSA	TBD	TBD			YES		
REMARKS: Contractors are: GSA/FEDSIM (Government Services Administration Federal System Integration and Management Center) ITEC4 (Information Technology & Electronic Commerce Commercial Contracting Center) TBS (To Be Selected) VAR* (Various Contractor Services and Configurations vary by site)											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Tactical Internet Manager (B93900)					
Program Elements for Code B Items: 28010.01D			Code:		Other Related Program Elements: BX0007						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	36.7	61.7	11.3	10.3	3.9						123.9
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	36.7	61.7	11.3	10.3	3.9						123.9
Initial Spares											
Total Proc Cost	36.7	61.7	11.3	10.3	3.9						123.9
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The Tactical Internet Management System (TIMS) is based on an Operational Requirements Document (ORD) for the Integrated Systems Control (ISYSCON) dated April 05, calling for Network Management for the Lower Tactical Internet and Tactical Operations Center (TOC) Local Area Network (LAN). TIMS will perform network planning, initialization, management and monitoring of the Tactical Internet at Force XX1 Brigade and Below (FBCB2) as well as TOC LANs.</p> <p>Justification: FY08 and FY09 will procure training for new software upgrade, Contractor Field Support and Post Deployment Software Support (PDSS) for units in the field. The software upgrade provides an improved capability for the S-6/G-6 to initialize the Tactical Operations Center and Lower Tactical Internet networks.</p> <p>FY08 Grow the Army procures 23 systems, initial spares, fielding, and new equipment training (NET). FY08 Total includes Grow the Army funding: FY 2008 Base Appropriations: \$ 9.215 Million FY 2008 Grow the Army: \$ 1.053 Million FY 2008 Total: \$10.268 Million</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis													
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: Tactical Internet Manager (B93900)				Weapon System Type:			Date: February 2007		
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
TIMS													
Production System													
TIMS GFE-Laptops		3024	378	8	856	107	8						
Initial and Repair Spares		126			32								
New Equipment Training		2607			858								
Contractor Log Support/Training		4501			3240			3667			1447		
Other (PDSS)		4398			4128			3663			1662		
Government Engineering		2096			2195			1885			805		
Data Products		44966											
Grow the Army													
TIMS GFE-Laptops								181	23	8			
Initial and Repair Spares								7					
New Equipment Training								181					
Contractor Log Support/Training								684					
Total:		61718			11309			10268			3914		

Exhibit P-5a, Budget Procurement History and Planning											Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: Tactical Internet Manager (B93900)							
WBS Cost Elements:		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
TIMS GFE-Laptops												
FY 2006		GTSI Chantilly, Va.		IDIQ	Ft Monmouth NJ	Mar 06	Apr 06	378	8	Yes		
FY 2007		GTSI Chantilly, Va.		IDIQ	Ft Monmouth NJ	Mar 07	Apr 07	107	8	Yes		
Grow the Army												
FY 2008		GTSI Chantilly, Va.		IDIQ	Ft Monmouth NJ	Mar 08	Apr 08	23	8	Yes		
REMARKS: FY08 and FY09 Base Appropriation does not procure hardware. Funds will procure training for new software upgrade, Contractor Field Support and Post Deployment Software Support (PDSS) for units in the field. The software upgrade provides an improved capability for the S-6/G-6 to initialize the Tactical Operations Center and Lower Tactical Internet networks.												

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature MANEUVER CONTROL SYSTEM (MCS) (BA9320)					
Program Elements for Code B Items: PE 0203740A Project 484			Code: B		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										Continuing	Continuing
Gross Cost	145.9	99.2	76.7	122.5	113.3	92.5	100.2	73.1	72.0	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	145.9	99.2	76.7	122.5	113.3	92.5	100.2	73.1	72.0		895.5
Initial Spares											
Total Proc Cost	145.9	99.2	76.7	122.5	113.3	92.5	100.2	73.1	72.0	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: The Maneuver Control System (MCS) is an automated tactical Command, Control and Communications (C3) system that provides a network of computer terminals and servers to process combat information for battle staffs. It provides automated assistance in the collection, storage, review and display of information to support the commander's decision process. Both text and map graphics are provided to the user. It enables operation staffs (G3/S3) to process and distribute situational awareness, estimates, plans, orders and reports. The system is designed to operate with existing and planned communications networks and will equip the Force with key elements of the Battle Command Common Services infrastructure.</p> <p>MCS is an essential component of the Army Battle Command System (ABCS) and provides critical coordination among Battlefield Functional Areas (BFAs) within each echelon. MCS provides the Common Operational Picture (COP) software supporting battlefield situation display for all ABCS BFAs. The COP depicts information provided by all the BFAs and includes a Situation Map, control measures, Intelligence and Electronic Warfare graphics, Fire Support graphics, combat service support location information, air corridors and air defense weapons control information. MCS will provide the web services and portal capabilities as it integrates the current Information Dissemination Manager-Tactical (IDM-T) system.</p> <p>The MCS system will equip the force with an automated C2 capability. This program is an integral part of the ABCS and is critical to the successful operation of that overall system. This generation of computers will incorporate advances in technology and achieve Life Cycle Cost savings due to commonality of support.</p> <p>Command Post of the Future (CPOF) capabilities are covered under this activity in support of MCS operational requirements. Command Post of the Future (CPOF) is a technical insertion into the Maneuver Control System. It is an executive level decision support system that provides situational awareness and collaborative tools to support decision making, cross functional planning, rehearsal and execution. Team members share workspaces that embody their thinking about the current situation, and collaborate to create a rich, multi-perspective, shared operational picture.</p>											
<p>Justification: FY08 and FY09 procures MCS systems for initial fielding to brigades of one Army Division, Corps Headquarters, thirteen Army Reserve and National Guards Brigade Combat Teams, four Army Reserve and National Guard Sustainment Brigades, four Army Reserve and National Guard Support Brigades and two Fire Brigade in support of Operation Iraqi Freedom/Operation Enduring Freedom and the Unit Set Fielding Schedule.</p>											

Exhibit P-40, Budget Item Justification Sheet		Date: February 2007
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment		P-1 Item Nomenclature MANEUVER CONTROL SYSTEM (MCS) (BA9320)
Program Elements for Code B Items: PE 0203740A Project 484	Code: B	Other Related Program Elements:
<p>FY06 total includes supplemental funding of \$56.0 million to support the global war on terrorism (GWOT).</p> <p>The FY08 base program includes an increase of \$1.722 million for Grow the Army requirements. This increase will be used to fund initial fielding of MCS hardware to the new Army units.</p> <p>FY 2008 Base Appropriation: \$120.767 Million FY 2008 Grow the Army: \$ 1.722 Million FY 2008 Total: \$122.489 Million</p>		

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: MANEUVER CONTROL SYSTEM (MCS) (BA9320)			Weapon System Type:		Date: February 2007			
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Base Appropriation													
Work Stations		13452	1818	7	10691	1442	7	2607	533	5	2988	592	5
CHS Hardware Upgrades													
SICPS													
Training Base Hardware & Upgrades		3091			10016			946			2032		
Peripherals: (Servers, Storage Devices)		11790			12826			5119			8093		
CPOF		42700			12779			84081			71141		
Project Management/Support		4330			4429			4523			4619		
Fielding: (Trainers, Initial Fielders, and Field Support Teams)		17152			15180			15792			15725		
ABCS Digital Sys Engrs (DSE) Spt													
Interim Contractor Support													
Software Licenses, Software Support		2628			8816			5667			6658		
OTHER: CTSF Support		4075			1977			2032			2068		
Sub-Total		99218			76714			120767			113324		
Grow the Army													
Work Stations								656	134	5			
Peripherals: (Servers, Storage Devices)								1066					
								1722					
Total:		99218			76714			122489			113324		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: MANEUVER CONTROL SYSTEM (MCS) (BA9320)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Base Appropriation											
Work Stations											
FY 2006	General Dynamics Taunton, MA		C/FP/OPT	C-E LCMC, Ft Monmouth, NJ	Jan 06	Jul 06	1818	7.0	Yes		
FY 2007	General Dynamics Taunton, MA		C/FP/OPT	C-E LCMC, Ft Monmouth, NJ	Jan 07	Jul 07	1442	7.0	Yes		
FY 2008	Army Small Computer Program Ft Monmouth, NJ		ID/IQ	Ft Monmouth, NJ	Jan 08	Jul 08	533	5.0	Yes		
FY 2009	Army Small Computer Program Ft Monmouth, NJ		ID/IQ	Ft Monmouth, NJ	Jan 09	Jul 09	592	5.0	Yes		
Grow the Army											
Work Stations											
FY 2008	Army Small Computer Program Ft Monmouth, NJ		ID/IQ	Ft Monmouth, NJ	Jan 08	Jul 08	134	5.0	Yes		
REMARKS:											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: center;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Single Army Logistics Enterprise (SALE) (W10801)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										Continuing	Continuing
Gross Cost	719.1	124.7	137.4	149.6	129.9	121.3	202.0	216.2	282.3	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	719.1	124.7	137.4	149.6	129.9	121.3	202.0	216.2	282.3	Continuing	Continuing
Initial Spares											
Total Proc Cost	719.1	124.7	137.4	149.6	129.9	121.3	202.0	216.2	282.3	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: The Single Army Logistics Enterprise is the overarching concept for achieving Army-wide integration of Combat Service Support (CSS) (supply, maintenance, ammunition supply, and personnel management) data. SALE has the funding subcomponents of Standard Army Computers (STACOMP) and Product Life Cycle Management Plus (PLM+). The SALE funding acquires hardware and fielding resources for the current operations of CSS units across the Army, and for the support of emerging CSS applications such as the Global Combat Support System Army (GCSS-Army) and the Personnel Transformation-Army enterprise Human Resource (Army eHR) System.</p> <p>Justification: FY08/09 procures and fields computers for life cycle and transformation replacements for CSS that are essential for day-to-day operations of the Army. FY08/09 also procures hardware/licenses for emerging CSS systems including GCSS-A, PLM+, and Electronic Military Personnel Office (e-MILPO).</p> <p>FY08 Base program includes an increase of \$96.042 million for Grow the Army requirements. This increase will procure and field additional STACOMP hardware to support Grow the Army requirements.</p> <p>FY2008 Base Appropriation: \$ 53.563 million FY2008 Grow the Army: \$ 96.042 million FY2008 Total: \$149.605 million</p> <p>FY06/07 totals include supplemental funding of \$.600 million and \$36.0 million respectively to support the global war on terrorism (GWOT).</p>											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature STAMIS TACTICAL COMPUTERS (STACOMP) (W00800)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										Continuing	Continuing
Gross Cost	785.8	118.1	133.3	146.4	129.9	121.3	202.0	211.2	278.6	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	785.8	118.1	133.3	146.4	129.9	121.3	202.0	211.2	278.6	Continuing	Continuing
Initial Spares											
Total Proc Cost	785.8	118.1	133.3	146.4	129.9	121.3	202.0	211.2	278.6	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description:</p> <p>Standard Army Management Information System (STAMIS) Tactical Computers (STACOMP) Commercial Off-the-Shelf (COTS) computers which are required by Combat Service Support elements within the Army to execute their missions. The STACOMP are used throughout the Army to run the application software used for support functions such as supply, maintenance and ammunition storage, and personnel management. STACOMP includes the initial acquisition and recurring life cycle replacement of those computers. STACOMP are specific to the unit mission rather than the software application. STACOMP are issued and maintained in each type unit based upon its mission, are then used to operate the type and version of software that is currently employed to perform that mission.</p> <p>STACOMP hardware is used by logistical units to support the Standard Army Retail Supply System (SARSS), Standard Army Ammunition System (SAAS), Standard Army Maintenance System (SAMS), Unit Level Logistics System (ULLS), and Property Book Unit Supply Enhanced (PBUSE). Army Logistical units will retain their STACOMP hardware and transition it from these existing software applications to the Global Combat Support System Army (GCSS-Army) software as it is fielded to supplant those existing applications.</p> <p>STACOMP is used by personnel management units to support a number of applications. The Army Human Resource System (AHRS) that provides commanders the necessary personnel information to make informed decisions on mobilized military personnel resources (both Active Duty and Reserve Component). The Electronic Military Personnel Office (eMILPO) that is via the AKO portal to provide a reliable, timely, and efficient mechanism for performing personnel actions and managing strength accountability. The Deployed Theater Accountability System (DTAS) that resides on the Secret Internet Protocol Router (SIPRNet) to account for military and civilian personnel in a deployed theater. The Tactical Personnel System (TPS) that interfaces with DTAS to allow soldier data to be loaded into DTAS en mass upon units arrival in theater.</p> <p>STACOMP are also used to support the software development and server operations of emerging applications such as the Global Combat Support System Army, and Personnel Transformation-Army enterprise Human Resource (Army eHR) System. GCSS-Army will provide key enabling support to the transformation of Army logistics to a network-centric, knowledge-based future force Army. There will be an Army-wide electronic human resource system using a web-based military/civilian, multi-component enterprise approach for all HR functions. Funds will procure the hardware, enterprise software, and fielding and training support for the integration of these applications.</p> <p>Justification:</p>											

Exhibit P-40, Budget Item Justification Sheet		Date: February 2007
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment		P-1 Item Nomenclature STAMIS TACTICAL COMPUTERS (STACOMP) (W00800)
Program Elements for Code B Items:	Code:	Other Related Program Elements:
<p>FY08/09 procures and fields COTS computers to continue legacy replacement hardware and STAMIS support systems. FY08/09 also procures HRS data servers, web servers, communications equipment, data entry devices, storage upgrades and other network components, and performs Post Deployment Software Support (PDSS).</p> <p>FY08 Base program includes an increase of \$96.042 million for Grow the Army requirements. This increase will procure and field additional STACOMP hardware to support Grow the Army requirements.</p>		

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: STAMIS TACTICAL COMPUTERS (STACOMP) (W00800)			Weapon System Type:		Date: February 2007			
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
BASE APPROPRIATION													
Current System Hardware Replacement													
SAARS/SAMS/SAAS/PBUSE	A	105667			116086			28354			103427		
=====													
STAMIS Support													
STAMIS Support Fielding /Training	A	2952			2069			2850			3859		
=====													
GCSS-Army Field/Tactical													
GCSS-Army F/T Hardware and Software	A	2400			10000			14864			13700		
GCSS-Army F/T Fielding/Training	A										6600		
=====													
eMILPO													
eMILPO Hardware	A	7118			5108			4259			2288		
GROW THE ARMY													
Current System Hardware Replacement													
SAARS/SAMS/SAAS/PBUSE								96042					
Total:		118137			133263			146369			129874		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: STAMIS TACTICAL COMPUTERS (STACOMP) (W00800)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
BASE APPROPRIATION											
SAARS/SAMS/SAAS/PBUSE											
FY 2006	GTSI Chantilly, VA		C/FP	ITEC4, Alexandria, VA	Mar 06	Apr 06			YES		
FY 2007	GTSI Chantilly, VA		C/FP	ITEC4, Alexandria, VA	Mar 07	Apr 07			YES		
FY 2008	GTSI Chantilly, VA		C/FP	ITEC4, Alexandria, VA	Mar 08	Apr 08			YES		
FY 2009	GTSI Chantilly, VA		C/FP	ITEC4, Alexandria, VA	Mar 09	Apr 09			YES		
GCSS-Army F/T Hardware and Software											
FY 2006	Various		C/FP	ITEC4, Alexandria, VA	Dec 05	Jan 06			YES		
FY 2007	Various		C/FP	ITEC4, Alexandria, VA	Dec 06	Jan 07			YES		
FY 2008	Various		C/FP	ITEC4, Alexandria, VA	Dec 07	Jan 08			YES		
FY 2009	Various		C/FP	ITEC4, Alexandria, VA	Dec 08	Jan 09			YES		
eMILPO Hardware											
FY 2006	EDS Herndon, VA		C/FP	GSA, FT Huachuca, AZ	Nov 05	Jan 06			YES		
FY 2007	EDS Herndon, VA		C/FP	GSA, FT Huachuca, AZ	Nov 06	Jan 07			YES		
FY 2008	EDS Herndon, VA		C/FP	ITEC4, Alexandria, VA	Nov 07	Jan 08			YES		
FY 2009	EDS Herndon, VA		C/FP	ITEC4, Alexandria, VA	Nov 08	Jan 09			YES		
GROW THE ARMY											
FY 2008	GTSI Chantilly, VA		C/FP	ITEC4, Alexandria, VA	TBD	TBD			YES		
REMARKS:											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature Product Lifecycle Management Plus (PLM+) (W11001)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost		6.6	4.1	3.2				5.0	3.7		22.7
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1		6.6	4.1	3.2				5.0	3.7		22.7
Initial Spares											
Total Proc Cost		6.6	4.1	3.2				5.0	3.7		22.7
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: GCSS-Army Product Life-Cycle Management Plus (PLM+) is the technical enabler between the Logistics Modernization Program (LMP) and GCSS-Army Field/Tactical (F/T) for establishing a fully integrated ERP. In order to achieve the SALE mission, GCSS-Army (PLM+) will provide the Hub services that will serve as the central point of data exchange for Army Logistics with all trading partners. GCSS-Army (PLM+) will ensure timely and appropriate data exchange with the proper trading partner through Optimized Messaging that will effectively route and transform message formats. Through Customer/Vendor Master Data Management all trading parties will be assured of sharing standardized and accurate data records.</p> <p>Justification: FY 08 procures GCSS-Army (PLM+) necessary hardware and licenses to establish a prototype system towards the roll out of capability to support an Operational assessment. In accordance with the GCSS-Army Acquisition Strategy incremental approach, GCSS-Army (PLM+) will support the implementation of supply functionality of the GCSS-Army Capabilities Development Document (CDD) for a single Operational Assessment.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis				Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: Product Lifecycle Management Plus (PLM+) (W11001)				Weapon System Type:	Date: February 2007
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
PLM+ Hardware		6559			4136			3236					
Total:		6559			4136			3236					

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: February 2007</div> </div>											
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: Product Lifecycle Management Plus (PLM+) (W11001)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
PLM+ Hardware FY 2006 FY 2007	Various Various		C/FP C/FP	ITEC4, Alexandria, VA ITEC4, Alexandria, VA	Dec 05 Jan 07	Feb 06 Feb 07			Yes Yes		
REMARKS:											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: center;">February 2007</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 2 / Communications and Electronics Equipment</small>						P-1 Item Nomenclature <small>CSS COMMUNICATIONS (BD3501)</small>					
Program Elements for Code B Items:				Code:		Other Related Program Elements:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost			26.7	35.6	49.1	20.2	20.2	16.7	20.2	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1			26.7	35.6	49.1	20.2	20.2	16.7	20.2	Continuing	Continuing
Initial Spares											
Total Proc Cost			26.7	35.6	49.1	20.2	20.2	16.7	20.2	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: This program supports the Army's battlefield logistic communication requirements under two programs:</p> <p>COMBAT SERVICE SUPPORT AUTOMATION INFORMATION SYSTEM INTERFACE (CAISI): CAISI allows legacy and emerging battlefield combat service support (CSS) automation devices within the logistics support areas to electronically exchange information via tactical networks. CAISI also interfaces with other battlefield, CSS, and sustaining base automated systems. CAISI provides unit commanders and managers an interface device to support current and future combat service support doctrine during peace and war time, concentrating users and transferring real time information on a highly mobile battlefield.</p> <p>COMBAT SERVICE SUPPORT SATELLITE COMMUNICATIONS (CSS SATCOM): CSS SATCOM provides a highly effective, easy to use, transportable commercial SATCOM based solution to CSS nodes, supporting broadband information exchange up to Sensitive But Unclassified (SBU), rapidly deployable anywhere in the world, and fully integrated into the Global Information Grid (GIG).</p> <p>Justification: FY08/09 procures hardware and integration of CAISI modules to enable Combat troops to communicate real-time logistics information to reach-back commands and provide LAN capability for CSS units across the Army. It also procures satellite terminals, critical infrastructure equipment, fielding and new equipment training costs associated with the deployment of remote satellite terminals to CSS units Army wide.</p> <p>The FY08 Base program includes an increase of \$2.68 million for Grow the Army requirements. This increase will be used to procure interface units for CAISI and VSAT as follows: CAISI, Communication Equipment (MK 2975/TYQ, AN/TYQ XX); Processor Group Signal Data (OL 700/TYQ); and 2 Processor Group Signal Data (OL 701/TYQ): VSAT, Communication Equipment (OL-713 V1/TYQ) CSS VSAT.</p> <p>FY2008 Base Appropriation: \$92.955 million; FY2008 Grow The Army: \$2.680 million; FY2008 Total: \$95.635 million</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: CSS COMMUNICATIONS (BD3501)				Weapon System Type:		Date: February 2007		
OPA2 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
BASE APPROPRIATION													
Combat Service Support Automation													
Information System Interface (CAISI)	A				9875			12002			16140		
Combat Service Support -VSAT													
Satellite Communications (CSS SATCOM)	A				16783			20953			33000		
GROW THE ARMY													
Combat Service Support Automation													
Information System Interface (CAISI)								808					
Combat Service Support-VSAT													
Satellite Communications (CSS SATCOM)								1872					
Total:					26658			35635			49140		

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: center;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature CAISI (BD3512)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost			9.9	12.8	16.1	17.2	17.2	13.7	17.2	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1			9.9	12.8	16.1	17.2	17.2	13.7	17.2	Continuing	Continuing
Initial Spares											
Total Proc Cost			9.9	12.8	16.1	17.2	17.2	13.7	17.2	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: COMBAT SERVICE SUPPORT AUTOMATION INFORMATION SYSTEM INTERFACE (CAISI) is an interface device providing a means for Combat Service Support (CSS) users to transmit in a secure mode in the tactical environment. CAISI can interface with the Mobile Subscriber Equipment (MSE), tactical radio, commercial satellite, and garrison local area network. It adds connectivity to the battlefield and is the backbone of the Sensitive But Unclassified (SBU) network supporting the CSS automation community on the battlefield. CAISI enables Combat troops to communicate real-time logistics information to reach-back commands and is a critical component of the Army Connect the Logistician program.</p> <p>Justification: FY08/09 procures hardware and support to integrate CAISI modules enabling the communication of real-time logistics information.</p> <p>The FY08 Base program includes an increase of \$808K for Grow the Army requirements. This increase will procure Interface Unit: Communication Equipment: MK 2975/TYQ; Interface Unit: Communication Equipment: AN/TYQ XX (CAISI); Processor Group Signal Data: OL 700/TYQ; and 2 Processor Group Signal Data: OL 701/TYQ.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: CAISI (BD3512)			Weapon System Type:		Date: February 2007			
	OPA2 Cost Elements	ID CD	FY 06 Total Cost Qty Unit Cost		FY 07 Total Cost Qty Unit Cost		FY 08 Total Cost Qty Unit Cost			FY 09 Total Cost Qty Unit Cost			
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
BASE APPROPRIATION													
System Support Rep Kit Hardware	A				3550	125	28	3750	150	25	3750	150	25
CAISI Bridge Module Hardware	A				3240	1459	2	8252	1032	8	12390	1549	8
CAISI Client Module Hardware	A				3085	617	5						
GROW THE ARMY													
Grow the Army								808					
Total:					9875			12810			16140		

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: February 2007</div> </div>										
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment		Weapon System Type:	P-1 Line Item Nomenclature: CAISI (BD3512)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
BASE APPROPRIATION System Support Rep Kit Hardware <div> <div>FY 2007</div> <div>Tobyhanna Army Depot Tobyhanna, PA</div> <div>WR</div> <div>CECOM, Ft Monmouth, NJ</div> <div>Oct 06</div> <div>VAR</div> <div>125</div> <div>28</div> <div>YES</div> <div>NO</div> <div>NA</div> </div> <div> <div>FY 2008</div> <div>Tobyhanna Army Depot Tobyhanna, PA</div> <div>WR</div> <div>CECOM, Ft Monmouth, NJ</div> <div>Oct 07</div> <div>VAR</div> <div>150</div> <div>25</div> <div>NO</div> <div>NO</div> <div>NA</div> </div> <div> <div>FY 2009</div> <div>Tobyhanna Army Depot Tobyhanna, PA</div> <div>WR</div> <div>CECOM, Ft Monmouth, NJ</div> <div>Oct 08</div> <div>VAR</div> <div>150</div> <div>25</div> <div>NO</div> <div>NO</div> <div>NA</div> </div> CAISI Bridge Module Hardware <div> <div>FY 2007</div> <div>Tobyhanna Army Depot Tobyhanna, PA</div> <div>WR</div> <div>CECOM, Ft Monmouth, NJ</div> <div>Oct 06</div> <div>VAR</div> <div>1459</div> <div>2</div> <div>YES</div> <div>NO</div> <div>NA</div> </div> <div> <div>FY 2008</div> <div>Tobyhanna Army Depot Tobyhanna, PA</div> <div>WR</div> <div>CECOM, Ft Monmouth, NJ</div> <div>Oct 07</div> <div>VAR</div> <div>1032</div> <div>8</div> <div>NO</div> <div>NO</div> <div>NA</div> </div> <div> <div>FY 2009</div> <div>Tobyhanna Army Depot Tobyhanna, PA</div> <div>WR</div> <div>CECOM, Ft Monmouth, NJ</div> <div>Oct 08</div> <div>VAR</div> <div>1549</div> <div>8</div> <div>NO</div> <div>NO</div> <div>N/A</div> </div> CAISI Client Module Hardware <div> <div>FY 2007</div> <div>Tobyhanna Army Depot Tobyhanna, PA</div> <div>WR</div> <div>CECOM, Ft Monmouth, NJ</div> <div>Oct 06</div> <div>VAR</div> <div>617</div> <div>5</div> <div>YES</div> <div>NO</div> <div>NA</div> </div> GROW THE ARMY Grow the Army <div> <div>FY 2008</div> <div>Tobyhanna Army Depot Tobyhanna, PA</div> <div>WR</div> <div>CECOM, Ft Monmouth, NJ</div> <div>TBD</div> <div>VAR</div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>										
REMARKS:										

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature CSS SATCOM (BD3513)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost			16.8	22.8	33.0	3.0	3.0	3.0	3.0	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1			16.8	22.8	33.0	3.0	3.0	3.0	3.0	Continuing	Continuing
Initial Spares											
Total Proc Cost			16.8	22.8	33.0	3.0	3.0	3.0	3.0	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: COMBAT SERVICE SUPPORT SATELLITE COMMUNICATIONS (CSS SATCOM) uses commercial satellite technology to deliver a satellite-based, global, wide area data network supporting current and future CSS information systems. Key aspects of the CSS SATCOM network include: Fully Internet Protocol (IP) based connection to the Non-secure Internet Protocol Router Network (NIPRNET) (Sensitive But Unclassified (SBU) Transport & Encryption); remote satellite terminals (Very Small Aperture Terminal (VSAT)) owned and operated by CSS units; four regional teleports provide global coverage; single commercial network management center and helpdesk in the Continental United States(CONUS). CSS SATCOM is a critical component of the Army Connect the Logistician Program.</p> <p>Justification: FY08/09 procures satellite terminals, critical infrastructure equipment, fielding and new equipment training costs associated with the deployment of remote satellite terminals to Combat Service Support units Army wide.</p> <p>The FY08 Base program includes an increase of \$362K for Grow the Army requirements. This increase will procure Interface Unit Communication Equipment: OL-713 (V)1/ TYQ CSS VSAT.</p>											

Exhibit P-5, Weapon OPA2 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment				P-1 Line Item Nomenclature: CSS SATCOM (BD3513)				Weapon System Type:		Date: February 2007		
OPA2 Cost Elements		ID	FY 06			FY 07			FY 08			FY 09		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
BASE APPROPRIATION														
VSATs						16783	156	108	20953	194	108	33000	306	108
GROW THE ARMY														
VSATs									1872	17	108			
Total:						16783		108	22825		108	33000		108

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: February 2007</div> </div>											
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: CSS SATCOM (BD3513)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
BASE APPROPRIATION VSATs <div> <div>FY 2007</div> <div>TAMSCO-GCS West Long Branch, NJ</div> <div>C/FP</div> <div>Fort Monmouth, NJ</div> <div>Oct 06</div> <div>Jan 07</div> <div>156</div> <div>108</div> <div>YES</div> <div>NO</div> <div>NA</div> </div> <div> <div>FY 2008</div> <div>TAMSCO-GCS West Long Branch, NJ</div> <div>C/FP</div> <div>Fort Monmouth, NJ</div> <div>Oct 07</div> <div>Jan 08</div> <div>194</div> <div>108</div> <div>YES</div> <div>NO</div> <div>NA</div> </div> <div> <div>FY 2009</div> <div>TAMSCO-GCS West Long Branch, NJ</div> <div>C/FP</div> <div>Fort Monmouth, NJ</div> <div>Oct 08</div> <div>Jan 09</div> <div>306</div> <div>108</div> <div>YES</div> <div>NO</div> <div>N/A</div> </div>											
GROW THE ARMY VSATs <div> <div>FY 2008</div> <div>TAMSCO-GCS West Long Branch, NJ</div> <div>C/FP</div> <div>Fort Monmouth, NJ</div> <div>TBD</div> <div>TBD</div> <div>17</div> <div>108</div> <div>YES</div> <div></div> <div></div> </div>											
REMARKS:											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">February 2007</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment						P-1 Item Nomenclature ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT) (BL5300)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	5.7	2.7	1.7	7.1	4.0	5.6	6.5	5.4	5.1	Continuing	Continuing
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	5.7	2.7	1.7	7.1	4.0	5.6	6.5	5.4	5.1	Continuing	Continuing
Initial Spares											
Total Proc Cost	5.7	2.7	1.7	7.1	4.0	5.6	6.5	5.4	5.1	Continuing	Continuing
Flyaway U/C											
Weapon System Proc U/C										Continuing	Continuing
<p>Description: This budget line supports the procurement and upgrade of the Automated Integrated Survey Instrument (AISI) (both Long and Short versions), Digital Levels, Topographic Supplemental Survey Set, General Purpose Survey Set, Hydrographic Survey Set and the Sketch Set. This equipment supports the survey mission of both the Topographic and Construction Engineer. Capabilities provided by this equipment enable engineers to establish the geodetic control necessary to support Artillery (e.g., placement of weapons platforms), Aviation (e.g., aircraft registration, safety surveys) and Topographic support. Additionally, this equipment supports Construction Engineering surveys (e.g., roads, buildings, logistics sites, staging areas, airfield construction). Software functionality, included as part of this procurement, allows the user to accomplish the design work necessary for site design and construction (e.g., materiel calculations, labor, resources).</p> <p>Justification: FY 2008/2009 procures the Automated Integrated Survey Instrument (AISI) for Active Duty, National Guard, and Army Reserve units. FY08 Grow the Army procures Engineer Reconnaissance Capability and AISI. FY08 Base Appropriation: \$3,358 FY08 Grow the Army: \$3,760 FY08 Total: \$7,118</p>											