

DEPARTMENT OF THE ARMY



Committee Staff Procurement Backup Book
FY2010 Research, Development and Acquisition, Army
**Overseas Contingency Operations Surge
Supplemental Request**

FY2010 Research, Development and Acquisition, Army

Overseas Contingency Operations

Budget Estimate

Introduction

This request addresses additional Overseas Contingency Operation requirements associated with the troop surge to Afghanistan.

As a result of the surge, the Army is requesting additional resources in the following appropriations.

<u>TAB</u>	<u>Appropriation</u>	<u>Additional Request (\$ M)</u>
A	Aircraft Procurement, Army	182.2
B	Other Procurement, Army	1,997.9
C	Procurement of Ammunition, Army	17.1
D	Procurement of W&TCV, Army	3.0
E	Research, Development, Test & Evaluation, Army	61.9
	Total	2,262.1

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DEPARTMENT OF THE ARMY
FY 2010 Surge Budget Submission

EXHIBIT P-1
DATE: Feb-10

APPROPRIATION Aircraft Procurement, Army

FY 2010 Dollars in Thousands

<u>LINE NO</u>	<u>ITEM NOMENCLATURE</u>	<u>ID</u>	<u>QTY</u>	<u>COST</u>
11	UH-60 BLACKHAWK (MYP) (AA0005)		2	42,170
13	CH-47 HELICOPTER (A05101)			55,000
	C-12 CARGO AIRPLANE		2	45,000
	C-12 AIRCRAFT MODS			<u>40,000</u>
	SURGE TOTAL			182,170

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EXHIBIT P-1
Page 1 of 1

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BLIN	SSN	Nomenclature	Page
011	AA0005	UH-60 BLACKHAWK (MYP)	1
013	A05101	CH-47 HELICOPTER	6
040	A02700	C-12 CARGO AIRPLANE	10
042	A01234	C12 AIRCRAFT MODS	14

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Aircraft Procurement, Army / 1 / Aircraft</small>			P-1 Item Nomenclature UH-60 BLACKHAWK (MYP) (AA0005)		
Program Elements for Code B Items:		Code:	Other Related Program Elements: <small>0203744A/Project 504</small>		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		2		2	
Gross Cost		42.2		42.2	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		42.2		42.2	
Initial Spares					
Total Proc Cost		42.2		42.2	
Flyaway U/C					
Weapon System Proc U/C		21.1		21.1	
<p>Description: The UH-60 BLACK HAWK is a twin engine, single rotor helicopter that is designed to support the Army's air mobility doctrine for employment of land forces in the 21st century. The BLACK HAWK is used in the performance of the Air Assault, General Support, and Aeromedical Evacuation missions. It is designed to carry a crew of four and 11 combat-equipped troops, or an external load up to 9,000 pounds. It performs the missions of transporting troops and equipment into combat, resupplying the troops while in combat, and performing the associated functions of aeromedical evacuation, repositioning of reserves, and command and control.</p> <p>Justification: FY 10 Surge funding in the amount of \$42.170M will procure 2 aircraft (1 UH-60 and 1 HH-60) and additional New Equipment Training.</p>					

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: center;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Aircraft Procurement, Army / 1 / Aircraft</small>			P-1 Item Nomenclature <small>UH-60 BLACK HAWK (MYP) (A05002)</small>		
Program Elements for Code B Items:		Code:	Other Related Program Elements: <small>0203744A/Project 504</small>		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		2		2	
Gross Cost		42.2		42.2	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		42.2		42.2	
Initial Spares					
Total Proc Cost		42.2		42.2	
Flyaway U/C					
Weapon System Proc U/C		21.1		21.1	
<p>Description: The UH-60 BLACK HAWK is a twin engine, single rotor helicopter that is designed to support the Army's air mobility doctrine for employment of land forces in the 21st century. The BLACK HAWK is used in the performance of the Air Assault, General Support, and Aeromedical Evacuation missions. It is designed to carry a crew of four and 11 combat-equipped troops, or an external load up to 9,000 pounds. It performs the missions of transporting troops and equipment into combat, resupplying the troops while in combat, and performing the associated functions of aeromedical evacuation, repositioning of reserves, and command and control.</p> <p>Justification: FY 10 Surge funding in the amount of \$42.170M will procure 2 aircraft (1 UH-60 and 1 HH-60) and additional New Equipment Training.</p>					

Exhibit P-5, Weapon ACFT Cost Analysis	Appropriation/Budget Activity/Serial No: Aircraft Procurement, Army / 1 / Aircraft	P-1 Line Item Nomenclature: UH-60 BLACK HAWK (MYP) (A05002)	Weapon System Type:	Date: February 2010	
ACFT Cost Elements			ID CD	FY 10	
				Total Cost	Qty Unit Cost
				\$000	Units \$000
Aircraft Flyaway Costs					
Airframes/CFE				26177	2 13089
Engines/Accessories				2777	4 694
Avionics (GFE)				2216	
Other GFE				1730	
Armament					
ECO (All FLYAWAY Components)				956	
Other Costs (Mission Equipment)				3098	
Tooling Equipment				216	
Other Nonrecurring Cost					
Total FLYAWAY				37170	
Support Cost					
Airframe PGSE					
Engine PGSE					
Peculiar Training Equipment					
Publications/Tech Data					
PM Administration					
Fielding				5000	
Subtotal Support Cost				5000	
Gross P-1 End Item Cost				42170	
Less: Prior Year Adv Proc				-	
Net P-1 Full Funding Cost				42170	
Plus: P-1 CY Adv Proc					
Initial Spares					
Total:				42170	

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2010		
Appropriation/Budget Activity/Serial No: Aircraft Procurement, Army/ 1/ Aircraft			Weapon System Type:		P-1 Line Item Nomenclature: UH-60 BLACK HAWK (MYP) (A05002)							
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
Airframes/CFE FY 2010		Sikorsky Aircraft Stratford CT		SSM/FP	AMCOM	Feb 10	Jul 11	2	13089	Yes		May-05
REMARKS:												

[illegible]

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Aircraft Procurement, Army / 1 / Aircraft</small>			P-1 Item Nomenclature CH-47 HELICOPTER (A05101)		
Program Elements for Code B Items:		Code:	Other Related Program Elements: <small>SSN A05008, SSN A05105</small>		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		55.0		55.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		55.0		55.0	
Initial Spares					
Total Proc Cost		55.0		55.0	
Flyaway U/C					
Weapon System Proc U/C					
<p>Description: The CH-47 Chinook is a twin-turbine, tandem-rotor, heavy-lift transport helicopter with a useful load of up to 25,000 pounds. As the Army's only heavy lift helicopter, the CH-47F Improved Cargo helicopter is an essential component of the Army Future Force. The mission of the CH-47 is to transport troops (including air assault), supplies, weapons, and other cargo in general support operations. The CH-47 is vital to Overseas Contingency Operations and Homeland Security needs of our nation. Secondary missions include medical evacuation, aircraft recovery, parachute drops, disaster relief, and search and rescue. These aircraft are fielded to heavy helicopter companies and Special Operations Aviation. The CH-47F is expected to remain the Army's heavy lift helicopter until at least the 2038 timeframe. The CH-47F Recapitalization Program will provide a more reliable, less costly to operate aircraft compatible with Joint digital connectivity requirements in the Future Force. Key product improvements integrate a new-machined airframe, a performance capability, Common Avionics Architecture System, Air Warrior, Common Missile Warning System, enhanced air transportability, Digital Advance Flight Control System (DAFCS) and an Extended Range Fuel System II for self-deployment missions. The CH-47F program extends the Army's Chinook fleets useful life 20 years incorporating reliability and maintainability improvements including airframe tuning for vibration reduction, corrosion protection, digital source collectors, Transportable Flight Proficiency Simulators, Cargo Floor Handling System, Ballistic Protection System, Transformation Sets, Kits and Outfits, Aviation Training Devices, M240 Window/Door Gun Mounts and an automated maintenance program with a 400-hour phase interval. The recapitalization program rebuilds and replaces all CH-47Ds and 61 Special Operations Aviation MH-47s to the CH-47F/MH-47G configuration.</p> <p>Justification: FY 10 Surge OCO funding in the amount of \$55 million will procure New Equipment Training (NET) (\$20 million) and 7,537 stroking seats (\$35 million).</p>					

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Aircraft Procurement, Army / 1 / Aircraft</small>			P-1 Item Nomenclature <small>CH-47 NEW BUILD (A05008)</small>		
Program Elements for Code B Items:		Code:	Other Related Program Elements: <small>SSN A05105</small>		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		55.0		55.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		55.0		55.0	
Initial Spares					
Total Proc Cost		55.0		55.0	
Flyaway U/C					
Weapon System Proc U/C					
<p>Description: The CH-47 Chinook is a twin-turbine, tandem-rotor, heavy lift transport helicopter with a useful load of up to 25,000 pounds. As the Army's only heavy lift helicopter, the CH-47F Improved Cargo helicopter is an essential component of the Army Future Force. The mission of the CH-47 is to transport troops (including air assault), supplies, weapons, and other cargo in general support operations. The CH-47 is vital to the Overseas Contingency Operations (OCO) and Homeland Security needs of our nation. Secondary missions include medical evacuation, aircraft recovery, parachute drops, disaster relief, and search and rescue. These aircraft are fielded to heavy helicopter companies and Special Operations Aviation. Key product improvements integrate a new-machined airframe, a performance capability, Common Avionics Architecture System, Air Warrior, Common Missile Warning System, enhanced air transportability, Digital Advance Flight Control System (DAFCS) and an Extended Range Fuel System II for self-deployment missions. The CH-47F is expected to remain the Army's heavy lift helicopter until at least the 2025 timeframe. This program is funded to meet the Army Aviation Transformation Plans full requirement for Chinook aircraft. New Build allows the Army to retain aircraft vice turn in for induction to rebuild. (Prior to FY08, "New Build" aircraft were funded on the CH-47 Cargo Helicopter Mod SSN AA0252; 3 ea and 6 ea for FYs 06 and 07, respectively.)</p> <p>Justification: FY 10 Surge OCO funding in the amount of \$55 million will procure New Equipment Training (NET) (\$20 million) and 7,537 stroking seats (\$35 million).</p>					

Exhibit P-5, Weapon ACFT Cost Analysis	Appropriation/Budget Activity/Serial No: Aircraft Procurement, Army / 1 / Aircraft	P-1 Line Item Nomenclature: CH-47 NEW BUILD (A05008)	Weapon System Type:	Date: February 2010		
ACFT Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Each	\$000
AIRCRAFT Flyaway Costs						
Airframes/CFE						
Engine/Accessories						
CFE Avionics						
GFE						
ECO (Flyaway)						
Other Costs						
SOA Aircraft						
Support Costs						
PSE						
Peculiar Training Equipment						
Publications/Tech Data						
ECO (Support Items)						
NET				20000		
Stroking Seats				35000	7537	5
Initial Spares						
Initial Spares						
Subtotal Support Costs				55000		
Less Advance Procurement PY				-		
Plus Advance Procurement CY						
Total:				55000		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2010	
Appropriation/Budget Activity/Serial No: Aircraft Procurement, Army/ 1/ Aircraft			Weapon System Type:		P-1 Line Item Nomenclature: CH-47 NEW BUILD (A05008)						
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
Stroking Seats FY 2010	TBD TBD		CP/FF	AMCOM	Sep 10	Mar 12	7537	5	NA		NA
REMARKS: Commercial Item											

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Aircraft Procurement, Army / 1 / Aircraft</small>			P-1 Item Nomenclature C-12 CARGO AIRPLANE (A02700)		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		2		2	
Gross Cost		45.0		45.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		45.0		45.0	
Initial Spares					
Total Proc Cost		45.0		45.0	
Flyaway U/C					
Weapon System Proc U/C		22.5		22.5	
<p>Description: The budget line covers the acquisition of Army C-12 fixed wing aircraft to support operational requirements in Overseas Contingency Operations (OCO). The C-12 aircraft are commercial-off-the-shelf, non-developmental aircraft equipped with an array of sensors and communications equipment.</p> <p>Justification: FY10 OCO Surge dollars in the amount of \$45.000 million supports aircraft procurement for two (2) C-12 fixed wing aircraft with unique military avionics and mission equipment.</p>					

Exhibit P-5, Weapon ACFT Cost Analysis	Appropriation/Budget Activity/Serial No: Aircraft Procurement, Army / 1 / Aircraft	P-1 Line Item Nomenclature: C-12 CARGO AIRPLANE (A02700)	Weapon System Type:	Date: February 2010		
ACFT Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Each	\$000
C-12 Aircraft						
Hardware and Associated Support				19150	2	9575
Avionics				2700		
Other GFE				4000		
Mission Equipment				19150		
Total:				45000		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2010	
Appropriation/Budget Activity/Serial No: Aircraft Procurement, Army/ 1/ Aircraft			Weapon System Type:		P-1 Line Item Nomenclature: C-12 CARGO AIRPLANE (A02700)						
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 and Associated Support FY 2010	Hawker Beech Wichita, KS		SS/FFP	Redstone Arsenal, AL	Sep 10	May 11	2	9575	Yes		TBD
REMARKS:											

A02700	Item No. 40 Page 4 of 4	Exhibit P-21
C-12 CARGO AIRPLANE	Page 13 of 18	Production Schedule

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Aircraft Procurement, Army / 2 / Modification of aircraft</small>			P-1 Item Nomenclature <small>C12 AIRCRAFT MODS (A01234)</small>		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		40.0		40.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		40.0		40.0	
Initial Spares					
Total Proc Cost		40.0		40.0	
Flyaway U/C					
Weapon System Proc U/C					
P-40 Breakdown					
Area		FY 2010			
Active	Qty	0			
	Gross Cost	40000.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	0			
	Gross Cost	40000			
Description: The C-12 fixed wing aircraft platform hosts a number of Army Intelligence, Surveillance and Reconnaissance/Reconnaissance Surveillance and Target Acquisition (ISR/RSTA) sensor systems that support irregular warfare in Overseas Contingency Operations (OCO). Included in those systems are the Guardrail Common Sensor (GRCS), Aerial Reconnaissance Multi Sensor (ARMS) (Iraq), the Medium Altitude Reconnaissance and Surveillance Systems (MARSS) (Iraq and Afghanistan), and Constant Hawk (Afghanistan). The ARMS system is composed of B-200 (C-12) aircraft equipped with imagery sensors, specialized COMINT sensors, and an array of line of sight and beyond line of sight communications equipment. The aircraft were fielded to Operation Iraqi Freedom (OIF) in FY06 and have been providing daily support to the (Task Force Observe, Detect Identify, Neutralize (TF ODIN) commander. Constant Hawk (CH) in Afghanistan is hosted on King Air 350(C-12) aircraft. CH is a persistent surveillance wide field of view airborne intelligence, surveillance and reconnaissance (AISR) system conducting Counter Improvised Explosive Device (IED) surveillance and forensic force protection missions. CH uses high resolution Electro Optic (EO) cameras mounted on manned aircraft to provide persistent surveillance of a designated Named Area of Interest (NAI). The MARSS aircraft are primarily King Air 300's (C-12 variant) equipped with numerous sensors to include imagery and communications intelligence (COMINT) payloads. They also include several line-of-sight and beyond line of sight communications systems and on board (manned) processing of the imagery and COMINT.					
Justification:					

Exhibit P-40, Budget Item Justification Sheet		Date: February 2010
Appropriation / Budget Activity / Serial No: Aircraft Procurement, Army / 2 / Modification of aircraft		P-1 Item Nomenclature C12 AIRCRAFT MODS (A01234)
Program Elements for Code B Items:	Code:	Other Related Program Elements:
FY10 Surge procurement dollars in the amount of \$40 million supports the purchase of two sets of prime mission equipment, integration onto a King Air 350 Extended Range (ER) aircraft and test efforts.		

Exhibit P-40M, Budget Item Justification Sheet					Date: February 2010	
Appropriation / Budget Activity / Serial No: Aircraft Procurement, Army / 2 / Modification of aircraft				P-1 Item Nomenclature C12 AIRCRAFT MODS (A01234)		
Appropriation / Budget Activity / Serial No:				P-1 Item Nomenclature		
Program Elements for Code B Items:				Code:	Other Related Program Elements:	
Description		Fiscal Years				
OSIP No.	Classification	Prior Yrs.	FY 2010	TC	Total	
MARSS 350ER						
1-10-00-OCO	U	0.0	40.0	0.0	40.0	
Totals		0.0	40.0	0.0	40.0	

INDIVIDUAL MODIFICATION																Date: February 2010																																																																																																																																																										
MODIFICATION TITLE: MARSS 350ER [MOD 1] 1-10-00-OCO																																																																																																																																																																										
MODELS OF SYSTEM AFFECTED: MARSS 350ER																																																																																																																																																																										
DESCRIPTION / JUSTIFICATION: The Medium Altitude Reconnaissance and Surveillance Systems (MARSS) aircraft will provide two additional airborne systems to perform ISR operations. These systems will be integrated on a King Air 350 Extended Range (ER) aircraft and include Imagery and Communications Intelligence (COMINT) sensors as well as line of sight and beyond line of sight communications equipment. It will allow for two on board operators to perform COMINT and imagery analysis and real time dissemination of the data from the aircraft. PM Fixed Wing will be procuring the platform aircraft via Funding line A02700.																																																																																																																																																																										
DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S): . 4QFY10: Contract award for Prime Mission Equipment (PME) . 3QFY11: Begin integration of two platforms . 1QFY12: Completion of Integration, Testing, and Deployment of both Aircraft																																																																																																																																																																										
Installation Schedule																																																																																																																																																																										
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2">Pr Yr Totals</th> <th colspan="4">FY 2009</th> <th colspan="4">FY 2010</th> <th colspan="4">FY 2011</th> <th colspan="4">FY 2012</th> <th colspan="4">FY 2013</th> </tr> <tr> <th>1</th><th>2</th><th>3</th><th>4</th> <th>1</th><th>2</th><th>3</th><th>4</th> <th>1</th><th>2</th><th>3</th><th>4</th> <th>1</th><th>2</th><th>3</th><th>4</th> <th>1</th><th>2</th><th>3</th><th>4</th> </tr> </thead> <tbody> <tr> <td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td>2</td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td>2</td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="4">FY 2014</th> <th colspan="4">FY 2015</th> <th colspan="4">FY 2016</th> <th colspan="4">FY 2017</th> <th rowspan="2">To Complete</th> <th rowspan="2">Totals</th> </tr> <tr> <th>1</th><th>2</th><th>3</th><th>4</th> <th>1</th><th>2</th><th>3</th><th>4</th> <th>1</th><th>2</th><th>3</th><th>4</th> <th>1</th><th>2</th><th>3</th><th>4</th> </tr> </thead> <tbody> <tr> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td>2</td> </tr> <tr> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td></td><td></td><td></td> <td></td><td>2</td> </tr> </tbody> </table>																		Pr Yr Totals	FY 2009				FY 2010				FY 2011				FY 2012				FY 2013				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4												2																							2								FY 2014				FY 2015				FY 2016				FY 2017				To Complete	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4																		2																		2
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METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 0 months Contract Dates: FY 2010 - FY 2011 - FY 2012 - Delivery Dates: FY 2010 - FY 2011 - FY 2012 -																																																																																																																																																																										

INDIVIDUAL MODIFICATION

Date: February 2010

MODIFICATION TITLE (cont): MARSS 350ER [MOD 1] 1-10-00-OCO

FINANCIAL PLAN: (\$ in Millions)

	Prior Yrs.		2010		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E								
Procurement								
NonRecur Engineering				1.3				1.3
PME Hardware			2	16.1			2	16.1
Eng'g/Program Mgt Costs				7.2				7.2
Integration & Test				6.2				6.2
ILS				9.2				9.2
Installation of Hardware								
FY 2008 & Prior Equip -- Kits								
FY 2009 -- Kits								
FY 2010 Equip -- Kits								
FY 2011 Equip -- Kits								
FY 2012 Equip -- Kits								
FY 2013 Equip -- Kits								
FY 2014 Equip -- Kits								
FY 2015 Equip -- Kits								
TC Equip- Kits								
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		40.0		0.0		40.0

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APPROPRIATION Other Procurement, Army

ACTIVITY 01 Tactical and Support Vehicles

			DOLLARS IN THOUSANDS		
LINE NO	ITEM NOMENCLATURE	ID	FY2010 SURGE	FY2010 TOTAL	
			COST	QTY	COST
<hr/>					
	TACTICAL VEHICLES				
7	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) (DA0500)		53,440		53,440
9	ARMORED SECURITY VEHICLES (ASV) (D02800)		12,000		12,000
10	MINE PROTECTION VEHICLE FAMILY (D02901)		262,847		262,847
			<hr/>		
ACTIVITY TOTAL			<hr/>		
			328,287		328,287

*** UNCLASSIFIED ***

DEPARTMENT OF THE ARMY

FY2010 OCO Surge Procurement Program

Other Procurement, Army
Communications and Electronics Equipment

			FY10 SURGE	FY10 SURGE TOTALS
28	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE) (K47800)	B	20,000	20,000
46	RADIO, IMPROVED HF (COTS) FAMILY (BU8100)	A	5,794	5,794
50	INFORMATION SYSTEM SECURITY PROGRAM-ISSP (TA0600)	A	69,233	69,233
55	INFORMATION SYSTEMS (BB8650)		296,000	296,000
57	Installation Info Infrastructure Mod Program(I3MP) (BU0500)	A	83,000	83,000
69	DCGS-A (MIP) (BZ7316)		45,103	45,103
76	LIGHTWEIGHT COUNTER MORTAR RADAR (B05201)	A	1,150	1,150
77	WARLOCK (VA8000)		36,697	36,697
78	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES (BL5283)		92,100	92,100
87	COUNTER-ROCKET, ARTILLERY & MORTAR (C-RAM) (BZ0526)		126,000	126,000
88	BASE EXPEDITIONARY TARGETING AND SURV SYS (BZ6501)	A	203,000	203,000
121	CSS COMMUNICATIONS (BD3501)	A	15,000	15,000
ACTIVITY TOTAL			993,077	993,077

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DEPARTMENT OF THE ARMY
FY 2010 OCO SURGE PROCUREMENT PROGRAM

EXHIBIT P-1
DATE: 1/29/2010 4:08 PM

APPROPRIATION Other Procurement, Army ACTIVITY 03 Other Support Equipment

			DOLLARS IN THOUSANDS	
			FY2010 OCO SURGE	
LINE NO	ITEM NOMENCLATURE	ID	QTY	COST
<i>ENGINEER (NON CONSTRUCTION) EQUIPMENT</i>				
135	GROUND STANDOFF MINE DETECTION SYSTEM (GSTAMIDS) (R68400)			173,000
	<i>SUB-ACTIVITY TOTAL</i>			<u>173,000</u>
<i>COMBAT SERVICE SUPPORT EQUIPMENT</i>				
146	FORCE PROVIDER (M80200)	A		171,349
	<i>SUB-ACTIVITY TOTAL</i>			<u>171,349</u>
<i>PETROLEUM EQUIPMENT</i>				
151	QUALITY SURVEILLANCE EQUIPMENT (MB6400)			4,103
	<i>SUB-ACTIVITY TOTAL</i>			<u>4,103</u>
<i>CONSTRUCTION EQUIPMENT</i>				
157	GRADER, ROAD MTZD, HVY, 6X4 (CCE) (R03800)	A		3,390
159	SCRAPERS, EARTHMOVING (RA0100)	A		1,428
162	LOADERS (R04500)			1,157
163	HYDRAULIC EXCAVATOR (X01500)	B		2,832
167	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) FOS (R05901)	A		11,765
169	ITEMS LESS THAN \$5.0M (CONST EQUIP) (ML5350)	A		4,140
	<i>SUB-ACTIVITY TOTAL</i>			<u>24,712</u>

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DEPARTMENT OF THE ARMY
FY 2010 OCO SURGE PROCUREMENT PROGRAM

EXHIBIT P-1
DATE: 1/29/2010 4:08 PM

APPROPRIATION Other Procurement, Army ACTIVITY 03 Other Support Equipment

			DOLLARS IN THOUSANDS	
			FY2010 OCO SURGE	
LINE NO	ITEM NOMENCLATURE	ID	QTY	COST
OTHER SUPPORT EQUIPMENT				
184	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT (M80101)	A		124,845
185	PHYSICAL SECURITY SYSTEMS (OPA3) (MA0780)	A		197,508
SUB-ACTIVITY TOTAL				322,353
ACTIVITY TOTAL				695,517

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009	D02800	ARMORED SECURITY VEHICLES (ASV)	6
010	D02901	Mine Protection Vehicle Family	11

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FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) (007 - DA0500)	1
Mine Protection Vehicle Family (010 - D02901)	11

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Item Nomenclature FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) (DA0500)		
Program Elements for Code B Items:		Code: A	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		110		110	
Gross Cost		53.4		53.4	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		53.4		53.4	
Initial Spares					
Total Proc Cost		53.4		53.4	
Flyaway U/C					
Weapon System Proc U/C	0.3			0.3	
P-40 Breakdown					
Area		FY 2010			
Active	Qty	110			
	Gross Cost	53440.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	110			
	Gross Cost	53440			
<p>Description: The Family of Heavy Tactical Vehicles (FHTV) is used in line haul, local haul, unit resupply, and other missions throughout the tactical environment to support modern and highly mobile combat units. Systems include the Palletized Load System (PLS) and its companion trailers, flat racks (Container Roll-in/Out Platform (CROP)), Enhanced Container Handling Units (E-CHU), and the Movement Tracking System (MTS), as well as the Heavy Expanded Mobility Tactical Truck (HEMTT) and Heavy Equipment Transporter System (HETS). The FHTV line also includes the Forward Repair System (FRS), which is a mobile maintenance platform that mounts on a PLS or HEMTT. Effective in FY10, the FRS transitions to the Mobile Maintenance Equipment Systems program. The PLS configuration transitioned to an A1 to incorporate LTAS B-Kit Ready cab common with HEMTT A4, modern power train, independent front suspension, updated electrical system, Anti-Braking System (ABS) & traction control, and climate control.</p> <p>Justification: FY10 Surge procures 108 HEMTT M984A4 Trucks and 2 PLSA1 Truck required to support the build-up of forces in Afghanistan.</p>					

Exhibit P-5, Weapon OPA1 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles	P-1 Line Item Nomenclature: FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) (DA0500)	Weapon System Type:	Date: February 2010		
OPA1 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Each	\$000
HEMTT, ALL BODY TYPES (D16204)			A	50328	108	466
PALLETIZED LOAD SYSTEM (D16500)			A	880	2	440
1. Wrecker, M984-A4				801		
2. PLS Truck				150		
3. Engineering Changes				300		
4. Government Testing				981		
5. Special Tools						
6. System Fielding Support						
Total:				53440		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2010	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles			Weapon System Type:		P-1 Line Item Nomenclature: FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) (DA0500)						
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. Wrecker, M984-A4 FY 2010	Oshkosh Corp Oshkosh, WI		SS/FFP/Y4	TACOM, Warren, MI	May 10	Jan 11	108	466	Y	N/A	N/A
2. PLS Truck FY 2010	Oshkosh Corp Oshkosh, WI		SS/FFP/Y4	TACOM, Warren, MI	May 10	Jan 11	2	440	Y	N/A	N/A
REMARKS:											

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 1 / Tactical and support vehicles</small>			P-1 Item Nomenclature ARMORED SECURITY VEHICLES (ASV) (D02800)		
Program Elements for Code B Items:		Code: <div style="text-align: center;">A</div>	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		13		13	
Gross Cost		12.0		12.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		12.0		12.0	
Initial Spares					
Total Proc Cost		12.0		12.0	
Flyaway U/C					
Weapon System Proc U/C					
P-40 Breakdown					
Area		FY 2010			
Active	Qty	13			
	Gross Cost	12.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	13			
	Gross Cost	12			
<p>Description: The Armored Security Vehicle (ASV) is an all-wheel drive armored vehicle that provides 360 degree ballistic protection against landmines, improvised explosive devices, and small arms. The ASV can accommodate a suite of fragmentation kits for additional armor protection. The ASV accepts the MK-19 Grenade Machine Gun, the M2 .50 caliber machine gun and the M249 5.56 mm Squad Automatic Weapon (SAW) machine gun. The ASV is transportable by air, rail, and marine transportation modes and is capable of carrying a crew of four. The vehicle has a diesel engine, automatic transmission, central tire inflation system, and a payload of 3,360 lbs. Additional survivability enhancements include: gas particulate ventilated face pieces, a multi-salvo smoke grenade launcher, a crew/engine compartment fire suppression system, an intercom system with radio interface, and blackout capability.</p> <p>Justification: FY 2010 Surge procures 13 ASVs required to support the oncoming OEF force surge. These ASVs will equip 2 Brigade Combat Teams or 1 Military Police Company.</p>					

Exhibit P-5, Weapon OPA1 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles	P-1 Line Item Nomenclature: ARMORED SECURITY VEHICLES (ASV) (D02800)	Weapon System Type:	Date: February 2010
OPA1 Cost Elements			ID CD	FY 10 Total Cost Qty Unit Cost
				\$000 Units \$000
Vehicle			A	9373 13 721
Engineering Changes				435
System Technical Support (STS)				140
Kits-includes VIC3, Retrofit 2, etc				1596
Fielding Support				456
Total:				12000

Exhibit P-5a, Budget Procurement History and Planning									Date: February 2010			
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles			Weapon System Type:		P-1 Line Item Nomenclature: ARMORED SECURITY VEHICLES (ASV) (D02800)							
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
Vehicle FY 2010		Textron Marine & Land Systems New Orleans, LA		SS/Option	TACOM, Warren, MI	Apr 10	Jan 11	13	721	Yes	N/A	N/A
REMARKS:												

[illegible]

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Item Nomenclature Mine Protection Vehicle Family (D02901)		
Program Elements for Code B Items:		Code: <div style="text-align: center;">B</div>		Other Related Program Elements:	
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		87		87	
Gross Cost		262.8		262.8	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		262.8		262.8	
Initial Spares					
Total Proc Cost		262.8		262.8	
Flyaway U/C					
Weapon System Proc U/C					
P-40 Breakdown					
Area		FY 2010			
Active	Qty	87			
	Gross Cost	262847.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	87			
	Gross Cost	262847			
Description: The route clearance operation mission is accomplished with the Panther Medium Mine Protected Vehicle (MMPV) system which complements the Husky based Vehicle Mounted Mine Detection System (VMMD) and the Buffalo Mine Protected Clearance Vehicle (MPCV). The Buffalo/MPCV is a six wheeled armor vehicle with a remote hydraulic boom arm for detecting and clearing mines and Improvised Explosive Devices (IEDs). The mine proof vehicle consists of a mine protected hull/body and provides a high degree of safety in respect to collision or vehicle roll over. The Husky/VMMD is a mine protected, vehicle mounted mine detection and proofing system which is capable of finding and marking metallic explosive hazards. VMMD consists of two mine detection vehicles and three detonation trailers. Early versions of the VMMD procured for Operational Needs Statement (ONS) consisted of a Meerkat and a Husky, while more recent procurements consist of two Husky vehicles. Both vehicles are a single occupant system designed for mine blast protection and rapid field reparability. The SPARK mine roller is designed to pre-detonate pressure-triggered bombs allowing the roller to take the brunt of the blast. The Kit (SPARK) can be used in conjunction with route clearance as well as other tactical wheeled and tracked platforms.					

Exhibit P-40, Budget Item Justification Sheet		Date: February 2010
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 1 / Tactical and support vehicles		P-1 Item Nomenclature Mine Protection Vehicle Family (D02901)
Program Elements for Code B Items:	Code: B	Other Related Program Elements:
<p>The Vehicle Optics Sensor System (VOSS) is a camera system possessing a day color camera, an intensified low light level TV camera (LLLTV), a thermal camera with zoom capabilities, pointing, with stabilization capabilities assuring high image quality when the vehicle is running or on the move.</p> <p>Interrogation arms allow soldiers to more safely investigate potential IEDs from inside a vehicle.</p> <p>Ground penetrating radar (GPR) aids the Husky in detecting IEDs.</p> <p>Justification: FY 2010 Surge procurement dollars in the amount of \$262.847 million procures 44 MPCV and 43 VMMD systems. Also procured are SPARK mine rollers, VOSS cameras, interrogation arms and GPR. This equipment is required to support the additional teams for the route clearance OEF surge operation.</p> <p>The Mine Protected Route Clearance vehicles provide our forces with an effective, reliable and affordable blast protected platform capable of interrogating and classifying suspected explosive hazards, including improvised explosive devices (IEDs). These systems locate and neutralize IEDs before they result in fatal or catastrophic injury to civilians and soldiers. The SPARK, VOSS, interrogation arms and GPR assist route clearance vehicles in performing their mission to negate the Improvised Explosive Device (IED)reducing the threat to soldiers and equipment.</p>		

Exhibit P-5, Weapon OPA1 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles	P-1 Line Item Nomenclature: Mine Protection Vehicle Family (D02901)	Weapon System Type:	Date: February 2010		
OPA1 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Units	\$000
HARDWARE						
MPCV				48444	44	1101
VMMD				78088	43	1816
SUBTOTAL HARDWARE				126532		
FIELDING				4872		
SPARK MINE ROLLER				9795		
VEHICLE OPTICS SENSOR SYSTEM (VOSS)				34750		
INTERROGATION ARMS				8455		
GROUND PENETRATING RADAR (GPR)				78443		
SUBTOTAL RCV ACCESSORIES				136315		
Total:				262847		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Item Nomenclature Medium Mine Protected Vehicle (MMPV) (D02902)		
Program Elements for Code B Items:		Code: <div style="text-align: center;">B</div>	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		131.4		131.4	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		131.4		131.4	
Initial Spares					
Total Proc Cost		131.4		131.4	
Flyaway U/C					
Weapon System Proc U/C					
P-40 Breakdown					
Area		FY 2010			
Active	Qty	0			
	Gross Cost	131443.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	0			
	Gross Cost	131443			
<p>Description: The Self-Protection Adaptive Roller Kit (SPARK) mounts to wheeled tactical as well as tracked vehicles to negate the Improvised Explosive Device (IED) threat for soldiers and vehicles. The Vehicle Optics Sensor System (VOSS) is a camera system possessing a day color camera, an intensified low light level TV camera (LLTV), a thermal camera with zoom capabilities, pointing, with stabilization capabilities assuring high image quality when the vehicle is running or on the move. Interrogation arms allow soldiers to more safely investigate potential IEDs from inside a vehicle. Ground penetrating radar (GPR) aids in detecting IEDs.</p> <p>Justification: FY 2010 Surge procurement dollars in the amount of \$131.443 million procures the following hardware to support the route clearance mission with OEF surge requirements. SPARK mine rollers, VOSS cameras, interrogation arms and GPR.</p>					

Exhibit P-5, Weapon OPA1 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles	P-1 Line Item Nomenclature: Medium Mine Protected Vehicle (MMPV) (D02902)	Weapon System Type:	Date: February 2010		
OPA1 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Each	\$000
Interrogation Arms				8455		
GPR				78443		
SPARK Mine Roller				9795		
Vehicle Optics Sensor System (VOSS)				34750		
Total:				131443		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Item Nomenclature Mine Protected Clearance Vehicle (MPCV) (D02903)		
Program Elements for Code B Items:		Code: <div style="text-align: center;">B</div>	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		44		44	
Gross Cost		53.0		53.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		53.0		53.0	
Initial Spares					
Total Proc Cost		53.0		53.0	
Flyaway U/C					
Weapon System Proc U/C					
P-40 Breakdown					
Area		FY 2010			
Active	Qty	44			
	Gross Cost	52977.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	44			
	Gross Cost	52977			
<p>Description: The Buffalo Mine Protected Clearance Vehicle (MPCV) is a six wheeled armor vehicle with a remote hydraulic boom arm for detecting and clearing mines and Improvised Explosive Devices (IEDs). The mine proof vehicle consists of a mine protected hull/body and provides a high degree of safety in respect to collision or vehicle roll over. The MPCV system compliments the Panther Medium Mine Protected Vehicle (MMPV) and Husky based Vehicle Mounted Mine Detection System (VMMD) to perform route clearance operations.</p> <p>Justification: FY 2010 Surge procurement dollars procure 44 MPCVs. The Buffalo has set the Army's current standard for MPCV survivability in neutralizing the effects of landmines, direct fire, and IEDs. Mine Protected Route Clearance vehicles provide our forces with an effective, reliable and affordable blast protected platform capable of interrogating and classifying suspected explosive hazards. These systems locate and neutralize explosive devices before they result in fatal or catastrophic injury to civilians and soldiers.</p>					

Exhibit P-5, Weapon OPA1 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles	P-1 Line Item Nomenclature: Mine Protected Clearance Vehicle (MPCV) (D02903)	Weapon System Type:	Date: February 2010
OPA1 Cost Elements			ID CD	FY 10 Total Cost Qty Unit Cost
				\$000 Units \$000
MPCV Systems			B	48444 44 1101
Total Hardware Costs				48444
Fielding/ASL/PLL/NET				4533
Total Support Costs				4533
Total:				52977

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2010

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles			Weapon System Type:	P-1 Line Item Nomenclature: Mine Protected Clearance Vehicle (MPCV) (D02903)								
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
MPCV Systems FY 2010		Force Protection Inc Ladson, SC		SS/FP 5(3)	TACOM, WARREN, MI	Apr 10	Oct 10	44	1101	N	NA	NA

REMARKS: Buffalo contract is a sole source 1 year fixed priced contract with 4 option years.

FY 10 / 11 BUDGET PRODUCTION SCHEDULE													P-1 ITEM NOMENCLATURE Mine Protected Clearance Vehicle (MPCV) (D02903)										Date: February 2010										
COST ELEMENTS						Fiscal Year 10												Fiscal Year 11												Later			
MFR	FY	SERV	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 10												Calendar Year 11												
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP				
MPCV Systems																																	
1	FY 10	A	44	0	44							A						4	6	8	8	8	10							0			

Exhibit P-40, Budget Item Justification Sheet				Date: February 2010	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Item Nomenclature VEHICLE MOUNTED MINE DETECTION SYSTEM (VMMD) (D02904)		
Program Elements for Code B Items:		Code: B	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		43		43	
Gross Cost		78.4		78.4	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		78.4		78.4	
Initial Spares					
Total Proc Cost		78.4		78.4	
Flyaway U/C					
Weapon System Proc U/C					
P-40 Breakdown					
Area		FY 2010			
Active	Qty	43			
	Gross Cost	78427.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	43			
	Gross Cost	78427			
Description: The Vehicle Mounted Mine Detector (VMMD) is a mine protected, vehicle mounted mine detection and proofing system which is capable of finding and marking metallic explosive hazards. VMMD consists of two mine detection vehicles and three detonation trailers. Early versions of the VMMD procured for Operational Needs Statement (ONS) consisted of a Meerkat and a Husky, while more recent procurements consist of two Husky vehicles. Both vehicles are a single occupant system designed for mine blast protection and rapid field reparability. The VMMD compliments the Buffalo Mine Protected Clearance Vehicle (MPCV) and Panther Medium Mine Protected Vehicle (MMPV) to perform route clearance operations.					
Justification: FY 2010 Surge surge procurement dollars procures 43 VMMD Systems to support theater surge operations. The VMMD system is the only device that provides a mine and improvised explosive device (IED) detection capability on a blast survivable vehicle combined with a route width-proofing capability. The Mine Protected Route Clearance vehicles provide our forces with an effective, reliable and affordable blast protected platform capable of interrogating and classifying suspected explosive hazards, including explosive (IEDs). These systems locate and neutralize explosive devices before they result in fatal or catastrophic injury to civilians and soldiers.					

Exhibit P-5, Weapon OPA1 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles	P-1 Line Item Nomenclature: VEHICLE MOUNTED MINE DETECTION SYSTEM (VMMD) (D02904)	Weapon System Type:	Date: February 2010		
OPA1 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Each	\$000
VMMD Systems			B	78088	43	1816
Total Hardware Cost				78088		
Fielding/ASL/PLL/Net				339		
Total Support Cost				339		
Total:				78427		

Exhibit P-5a, Budget Procurement History and Planning									Date: February 2010		
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles			Weapon System Type:		P-1 Line Item Nomenclature: VEHICLE MOUNTED MINE DETECTION SYSTEM (VMMD) (D02904)						
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
VMMD Systems FY 2010	CSI Dallas, TX		SS/FF5(3)	TACOM, Warren, MI	Apr 10	Oct 10	43	1816	N	NA	NA
REMARKS: VMMD contract was awarded as a 5 year sole source fixed price contract. Contract is with CSI (Critical Solutions International) in Dallas TX. Systems are produced by RSD (Rolling Stock Dorbyl) in South Africa.											

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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 2010	To Complete	Total Prog	
Proc Qty		19800	Continuing	Continuing	
Gross Cost		20.0	Continuing	Continuing	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		20.0	Continuing	Continuing	
Initial Spares					
Total Proc Cost		20.0	Continuing	Continuing	
Flyaway U/C					
Weapon System Proc U/C			Continuing	Continuing	
P-40 Breakdown					
Area		FY 2010			
Active	Qty	19800			
	Gross Cost	20000.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	19800			
	Gross Cost	20000			
<p>Description:</p> <p>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:</p>					

Exhibit P-40, Budget Item Justification Sheet		Date: February 2010
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:
<p>FY11 Surge funds in the amount of \$20.000 million procures GPS capability that provides Positioning, Navigation and Timing for 3 IBCT, individual Soldiers, and for over 45 other critical platforms including FBCB2.</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 2010		
OPA2 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Each	\$000
Hardware: DAGR Acquisition DAGR/SDA DAGR VECF SAASM 3.7 GB-GRAM Competition PLGR Re-Utilization Software Support Product Support: Total Package Fielding Program Management Government In-House Integration Engineering Test and Evaluation Total:				20000	19800	1

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2010	
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 Acquisition FY 2010	Rockwell Collins, Inc. Cedar Rapids, IA		FFP/ID/IQ	Robins AFB, GA	Apr 10	Oct 10	19800	1	Yes		
REMARKS:											

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 2 / Communications and Electronics Equipment</small>			P-1 Item Nomenclature RADIO, IMPROVED HF (COTS) FAMILY (BU8100)		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty	1300			1300	
Gross Cost	4828.6	5.8		4834.4	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1	4828.6	5.8		4834.4	
Initial Spares					
Total Proc Cost	4828.6	5.8		4834.4	
Flyaway U/C					
Weapon System Proc U/C	3.7			3.7	
P-40 Breakdown					
Area		FY 2010			
Active	Qty	0			
	Gross Cost	5.8			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	0			
	Gross Cost	5.8			
Description: Radio Improved High-Frequency (HF) Commercial Off the Shelf (COTS) Family consists of the AN/PRC-148 Tactical Handheld Radio (HHR), the AN/PRC-150 HF Radio, and the AN/PSC-5D & AN/PRC-117 COTS Tactical (TACSAT) Radios. The HHR (AN/PRC-148) is a small, lightweight, full-featured Combat Net Radio operating contiguously over the UHF/VHF band (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 HHR provides a hand held, highly flexible tactical radio useful over a very broad range of combat environments. System options include Single Channel Ground and Airborne Radio System (SINCGARS), HAVEQUICK I/II and Advanced Narrowband Digital Voice Terminal (ANDVT) waveforms, and a retransmission capability compatible with existing equipment. The HF Radio (AN/PRC-150) is a COTS Non-Developmental Item family of advanced High Frequency 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 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 communication in Upper Sideband, Lower Sideband, Automated Link Establishment, Continuous War, and FM modes. The radio is interoperable with other HF radios within the Army that have					

Exhibit P-40, Budget Item Justification Sheet		Date: February 2010
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>these modes of operation. The National Security Agency endorsed the COMSEC features of the AN/PRC-150 HF radio on 4 June 2001.</p> <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 Networks, 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.</p> <p>Justification: FY10 OCO surge procurement dollars in the amount of \$5.794 million supports TACSAT Battle damage/Battle loss for IBCT, HBCT and CSS 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: RADIO, IMPROVED HF (COTS) FAMILY (BU8100)	Weapon System Type:	Date: February 2010		
OPA2 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Units	\$000
SATCOM Radios - B81803				5794		
Hand Held Radio - B81804						
High Frequency Radio - B81806						
Total:				5794		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</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 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost	1167.3	5.8		1173.1	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1	1167.3	5.8		1173.1	
Initial Spares					
Total Proc Cost	1167.3	5.8		1173.1	
Flyaway U/C					
Weapon System Proc U/C					
P-40 Breakdown					
Area		FY 2010			
Active	Qty	0			
	Gross Cost	5.8			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	0			
	Gross Cost	5.8			
<p>Description: Prior to FY08, SSN B81803 was a shared funding line used to procure TACSAT, Handheld, and High Frequency Radios. As of FY08, only TACSAT radios are funded by this line. The TACSAT radios (AN/PSC-5D and AN/PRC-117F) provide units with Multi-Mode voice and data radio communications in Line of Sight and SATCOM Modes of Operation. The radios provide Command and Control (C2) communications for the Corps and Division Warfighter Networks, and support Army Special Operations Forces 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.</p> <p>Justification: FY10 OCO surge procurement dollars in the amount of \$5.794 million supports TACSAT Battle damage/Battle loss for IBCT, HBCT and CSS 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: COTS Tactical Radios (B81803)	Weapon System Type:	Date: February 2010		
OPA2 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Units	\$000
TACSAT Radio PRC-117F						
TACSAT Radio PRC-117G						
TACSAT Radio PSC-5D						
Harris RF 7800						
Engineering						
Other Hardware						
Logistics						
Project Management						
Total Pkg Fielding						
Total:				5794		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 2 / Communications and Electronics Equipment</small>			P-1 Item Nomenclature HAND HELD RADIO/PRC 148 (B81804)		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost	2000.6	2.4		2003.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1	2000.6	2.4		2003.0	
Initial Spares					
Total Proc Cost	2000.6	2.4		2003.0	
Flyaway U/C					
Weapon System Proc U/C					
<p>Description: The Hand Held Radio (HHR) is one of the world's smallest and lightest full-featured Combat Net Radio (CNR) operating contiguously over the UHF/VHF band (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 HHR provides a hand held, highly flexible tactical radio useful over a very broad range of combat environments. System options include Single Channel Ground and Airborne Radio System (SINCGARS), HAVEQUICK I/II and Advanced Narrowband Digital Voice Terminal (ANDVT) waveforms, and a retransmission capability compatible with existing equipment. HHRs provide the tactical command and control Type I (Secret, Top Secret) communication links for vital decision makers.</p> <p>Justification: FY11 Base procurement dollars in the amount of \$.357 million support continued technical and logistical support for the Handheld Radio System (HHRs).</p> <p>All Active component.</p>					

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</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 2010	To Complete	Total Prog	
Proc Qty		12307		12307	
Gross Cost		69.2	Continuing	Continuing	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		69.2	Continuing	Continuing	
Initial Spares					
Total Proc Cost		69.2	Continuing	Continuing	
Flyaway U/C					
Weapon System Proc U/C			Continuing	Continuing	
P-40 Breakdown					
Area		FY 2010			
Active	Qty	12307			
	Gross Cost	69233.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	12307			
	Gross Cost	69233			
Description: The Information Systems Security Program (ISSP) procures and fields 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 with technologically advanced (network centric/GIG compliant) 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. Biometrics (automated methods of recognizing a person based on a physiological or behavioral characteristics), is a component within the ISSP. DoD D 8521.01E established the Department of Defense (DoD) Biometrics Program and designated the Secretary of the Army (SA) as the Executive Agent for the DoD Biometrics program with the Director, Biometrics Task Force (BTF) serving as the Executive Manager. Project Manager (PM) DoD Biometrics is responsible for the development and procurement of the Biometrics Enabling Capability (BEC), previously named Biometric Enterprise Core Capability (BECC), which is the DoD Program of Record for an enterprise biometric system authoritative database/repository and enterprise biometric services. Additionally, PM DoD Biometrics is responsible for the development and procurement of the Joint Personnel Identification Version 2 (JPIv2), previously named Biometric Family of Capabilities for Full Spectrum Operations (BFCFSO), which is Tactical Collection Systems. An USD (AT&L) Acquisition Decision Memorandum, dated 2 Sep 2008, designated DoD Biometrics as an Acquisition Category (ACAT) 1 - Special Interest Program and directed the Army to achieve a favorable milestone decision to enter Engineering and Manufacturing Development not later than FY 2010.					

Exhibit P-40, Budget Item Justification Sheet		Date: February 2010
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>The PM DoD Biometrics is also responsible for development, sustainment, and enhancements of the current Quick Reaction Capabilities (QRCs) prototype biometric authoritative database and repository, the Next Generation-Automated Biometric Identification System (NG-ABIS) and the tactical biometric devices. The NG-ABIS is being developed in support of a CENTCOM Joint Urgent Operational Needs Statement (JUONS) and currently supports near-real-time biometric matching, storage, and sharing of known or suspected terrorist biometric data. Handheld Interagency ID Detection Equipment (HIIDE) and Biometrics Automated Toolset-Army (BAT-A) provide the ability to enroll, positively identify, and verify the identity of actual or potential adversaries, host nation personnel, and third country nationals in hostile and austere environments.</p> <p>Justification:</p> <p>FY 2010 Surge procurement dollars in the amount of \$48.5 million supports scalable High Assurance Internet Protocol Encryptor (HAIPE) compliant In-Line Network Encryptors (INE) providing greater bandwidth, and improved network security. This technology secures everything over IP (EIOP)/IPv6 and complies with the GIG-IA. Funding also allows for cryptographic modernization that converges technology solutions combining link/trunk functionality into one device. These technologies refresh obsolete devices that are no longer economically supportable. Modern "key fill" devices will be procured to meet increased cryptographic key volume which cannot be supported by legacy key fill devices.</p> <p>FY 2010 Surge procurement dollars in the amount of \$20.733 million support a regional ABIS in Afghanistan AOR which will operate like the Next Generation ABIS to store, match, and share biometric resources for adversary and neutral/unknown/non-aligned population groups across the full range of military operations. FY11 OCO will also support the Defense Biometric Identification System (DBIDS) in both CONUS and OCONUS. In addition OCO funding will field hardware to the rest of CENTCOM AOR for use in Afghan AOR.</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 2010		
OPA2 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Each	\$000
IN-LINE NETWORK ENCRYPTORS (INE)			A	4770	477	10
LINK/TRUNK ENCRYPTORS			A	12616	1577	8
ENHANCED CRYPTO CARD			A	13	45	
ELECTRONIC FILL DEVICE			A	24500	10208	2
KEY MANAGEMENT (EKMS/KMI) Transition			A	6601		
BIOMETRICS				20733		
Total:				69233		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2010	
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
IN-LINE NETWORK ENCRYPTORS (INE) FY 2010	NSA FORT MEADE, MD		IDIQ	NSA, FT MEADE, MD	Jan 10	Jan 11	477	10	YES		
LINK/TRUNK ENCRYPTORS FY 2010	NSA FORT MEADE, MD		IDIQ	NSA, FT MEADE, MD	Jan 10	Jan 11	1577	8	YES		
ENHANCED CRYPTO CARD FY 2010	NSA FORT MEADE, MD		IDIQ	NSA, FT MEADE, MD	Jan 10	Jan 11	45		YES		
ELECTRONIC FILL DEVICE FY 2010	NSA FORT MEADE, MD		IDIQ	NSA, FT MEADE, MD	Jan 10	Jan 11	10208	2	YES		
REMARKS:											

FY 10 / 11 BUDGET PRODUCTION SCHEDULE												P-1 ITEM NOMENCLATURE INFORMATION SYSTEM SECURITY PROGRAM-ISSP (TA0600)										Date: February 2010											
COST ELEMENTS						Fiscal Year 10												Fiscal Year 11												Later			
MFR	FY	SERV	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 10												Calendar Year 11												
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP				
IN-LINE NETWORK ENCRYPTORS (INE)																																	
5	FY 10	A	477	0	477				A												39	39	40	40	40	40	40	40	40	119			
LINK/TRUNK ENCRYPTORS																																	
5	FY 10	A	1577	0	1577				A												131	131	131	131	131	132	132	132	132	394			
ENHANCED CRYPTO CARD																																	
5	FY 10	A	45	0	45				A																			45	0				
ELECTRONIC FILL DEVICE																																	
5	FY 10	A	10208	0	10208				A												425	425	425	425	425	425	425	425	425	6383			
Total																					595	595	596	596	596	597	597	597	642	6896			
						OCT	NOV	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	GENERAL DYNAMICS, NEEDHAM MA	10	500	1800	6	2	Initial	0	3	12	15																					
	2	MYKOTRONX, INC, TORRANCE, CA	10	1000	4000	6		Reorder	0	3	12	15																					
	3	L3, CAMDEN, NJ	10	1000	1500	6	3	Initial	0	3	12	15																					
	4	SAFENET, BELCAMP, MD	10	500	1000	6		Reorder	0	3	12	15																					
	5	NSA, FORT MEADE, MD	10	500	1800	6	4	Initial	0	3	6	9																					
	6	SYPRIS, LOUISVILLE, KY	10	500	1800	6		Reorder	0	3	6	9																					
	7	VIASAT, CARLSBAD, CA	10	500	1800	6	5	Initial	0	3	12	15																					
	8	HARRIS CORP, MELBOURNE, FL	10	500	1800	6		Reorder	0	3	12	15																					

FY 12 / 13 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE INFORMATION SYSTEM SECURITY PROGRAM-ISSP (TA0600)										Date: February 2010										
COST ELEMENTS						Fiscal Year 12														Fiscal Year 13														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 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					
IN-LINE NETWORK ENCRYPTORS (INE)																																		
5	FY 10	A	477	358	119	40	40	39																								0		
LINK/TRUNK ENCRYPTORS																																		
5	FY 10	A	1577	1183	394	131	131	132																								0		
ENHANCED CRYPTO CARD																																		
5	FY 10	A	45	45																												0		
ELECTRONIC FILL DEVICE																																		
5	FY 10	A	10208	3825	6383	425	425	425	425	426	426	426	426	426	426	426	426	425	425	425												0		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 2 / Communications and Electronics Equipment</small>			P-1 Item Nomenclature INFORMATION SYSTEMS (BB8650)		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost	1381.8	296.0	Continuing	Continuing	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1	1381.8	296.0	Continuing	Continuing	
Initial Spares					
Total Proc Cost	1381.8	296.0	Continuing	Continuing	
Flyaway U/C					
Weapon System Proc U/C			Continuing	Continuing	
P-40 Breakdown					
Area		FY 2010			
Active	Qty	0			
	Gross Cost	296000.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	0			
	Gross Cost	296000			
<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. In addition, the NetOps operational construct provides the standardized operational processes and procedures that will enable the Army to integrate, synchronize, and deliver voice, data, imagery, applications, and network capabilities down to the individuals in both the operating force and generating force across all echelons and through all phases of Joint operations.</p> <p>Justification: FY10 Surge procurement dollars in the amount of \$296.000 million will procure NETOPS capabilities associated with the implementation of GNEC which will improve support to units deploying and returning from theater. GNEC is the Army Strategy to Transform LandWarNet (the Army portion of the GIG) to an Enterprise Level Activity that will operationalize LandWarNet, support "little to no notice" operations, support unit ability to fight upon arrival, support units in an austere operational environment, and dramatically improve network defense posture. This also covers the communications infrastructure support for theater operations in Europe, the Pacific, and Southwest Asia.</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 2010		
OPA2 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Each	\$000
Information Systems (MCA Support)				296000		
Total:				296000		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</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 2010	To Complete	Total Prog
Proc Qty					
Gross Cost	242.4		296.0	Continuing	Continuing
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1	242.4		296.0	Continuing	Continuing
Initial Spares					
Total Proc Cost	242.4		296.0	Continuing	Continuing
Flyaway U/C					
Weapon System Proc U/C				Continuing	Continuing
P-40 Breakdown					
Area		FY 2010			
Active	Qty	0			
	Gross Cost	296000.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	0			
	Gross Cost	296000			
<p>Description:</p> <p>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, basic telephone instruments, training range backbone connectivity, and secure data and encryption devices to support increased Secure Internet Protocol Network (SIPRNET) requirements. This equipment is installed in conjunction with Military Construction, Army (MCA). Also provides for the Army Material Command/Information Systems Engineering Command Program Management and Quality Assurance/Control of these worldwide construction efforts to ensure the appropriate Information Systems are planned, programmed, procured, and provided.</p> <p>Justification:</p> <p>FY10 Surge procurement dollars in the amount of \$296.000 million will procure NETOPS capabilities associated with the implementation of GNEC which will improve support to units deploying and returning from theater. GNEC is the Army Strategy to Transform LandWarNet (the Army portion of the GIG) to an Enterprise Level Activity that will operationalize LandWarNet, support "little to no notice" operations, support unit ability to fight upon arrival, support units in an austere operational environment, and dramatically improve network defense posture. This also covers the communications infrastructure support for theater operations in Europe, the Pacific, and Southwest Asia.</p>					

Exhibit P-40, Budget Item Justification Sheet		Date: February 2010
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:
<p>All Active component.</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 2010		
OPA2 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Each	\$000
GNEC NETOPS Transport				296000	1	296000
Total:				296000		

Exhibit P-5a, Budget Procurement History and Planning									Date: February 2010		
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 \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
GNEC NETOPS Transport FY 2010	Various Installation		C/FP	CECOM, FT MONMOUTH	Feb 10	Sep 10	1	296000	NO		
REMARKS: CECOM - Communications-Electronics Life Cycle Management Command GSA - General Services Administration ISEC-FDED - Information Systems Engineering Command-Fort Detrick Engineering Directorate USAISEC - United States Army Information Systems Engineering Command											

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 2 / Communications and Electronics Equipment</small>			P-1 Item Nomenclature <small>Installation Info Infrastructure Mod Program(I3MP) (BU0500)</small>		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years		FY 2010	To Complete	Total Prog
Proc Qty					
Gross Cost	517.7		83.0	Continuing	Continuing
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1	517.7		83.0	Continuing	Continuing
Initial Spares					
Total Proc Cost	517.7		83.0	Continuing	Continuing
Flyaway U/C					
Weapon System Proc U/C				Continuing	Continuing
P-40 Breakdown					
Area		FY 2010			
Active	Qty	0			
	Gross Cost	83.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	0			
	Gross Cost	83			
Description: The Installation Information Infrastructure Modernization Program (I3MP) encompasses the modernization and upgrade of the Telecommunications/Information Infrastructure on Army installations in the Continental United States (CONUS), Europe and Pacific theaters, as well as Army Enterprise Systems. I3MP provides the capabilities to support the Defense Information Systems Network (DISN), Global Information Grid (GIG), Global Network Enterprise Construct (GNEC), Overseas Contingency Operations (OCO), Future Home Station Operation Centers (HSOC), command and control for Army Expeditionary, Joint and Combined Forces, Army Transformation, Army Knowledge Management (AKM) Goal 3, and the Army Campaign Plan. At the installation level, I3MP delivers an integrated Commercial Off The Shelf (COTS), information system that is state-of-the-art, secure, interoperable and with a high bandwidth capability to each end user building. The installation of Campus Area Networks (CAN)/Metropolitan Area Networks (MAN) provides the infrastructure to manage the Army's ever-increasing data transfer requirements supporting key wartime doctrine and information technology transportation initiatives. These high-speed backbone networks modernize site data transport capability, improve connectivity, standardize transport networks and increase capacity in support of critical Army missions. The modernization efforts will provide for the convergence of voice, video and data (on one platform) and EoIP (Everything over Internet Protocol). The newly installed switching equipment will support web-enabled applications, image processing for intelligence missions, distance learning, video conferencing, telemedicine and telemaintenance, health, morale and welfare calls, wireless telecommunications, remote access, automated directory assistance and network management. It will also provide for the implementation of network operation tools critical to security and management of the Army enterprise. At the enterprise level, I3MP provides the Army with capabilities and adaptive processes that support network-centric, secure access to systems and services throughout the Army environment. These infrastructure capabilities are critical in enabling reach back and power projection of the					

Exhibit P-40, Budget Item Justification Sheet		Date: <div style="text-align: right;">February 2010</div>
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 2 / Communications and Electronics Equipment</small>		P-1 Item Nomenclature <small>Installation Info Infrastructure Mod Program(I3MP) (BU0500)</small>
Program Elements for Code B Items:	Code:	Other Related Program Elements:
<p>digitized Army as well as employment of the advanced technology required for today's agile combat force.</p> <p>Justification: FY Surge funding in the amount of \$83.0 million resources the procurement and installation of C4 communications infrastructure and C4 commercialization for systems subsequently identified from RFF-1080 series of requirements for Afghanistan (aka Uplift/Troop Increase).</p> <p>All funds will be used for critical support of: Technical Control Facilities (TCFs), outside plant, inside plant, communications equipment (e.g. UHF/VHF/HF radios, VSAT terminals, Prominas, etc), CENTRIXS network equipment, data servers, data switches, service delivery node equipment, and voice switches. Communications equipment also directly supports effective delivery, dissemination, and distribution of DISN communications services for the deployed Warfighters; SIPRNet, NIPRNet, DSN, DRSN/VoSIP, CENTRIXS, JWICS and VTC.</p> <p>All funds are for the active component.</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: Installation Info Infrastructure Mod Program(I3MP) (BU0500)	Weapon System Type:	Date: February 2010		
OPA2 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Units	\$000
I3MP - Europe				83000		
Total:				83000		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: center;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 2 / Communications and Electronics Equipment</small>			P-1 Item Nomenclature <small>I3MP - Europe (BU0510)</small>		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost	158.8	83.0	Continuing	Continuing	
Less PY Adv Proc					
Plus CY Adv Proc			Continuing	Continuing	
Net Proc P1	158.8	83.0	Continuing	Continuing	
Initial Spares					
Total Proc Cost	158.8	83.0	Continuing	Continuing	
Flyaway U/C					
Weapon System Proc U/C			Continuing	Continuing	
P-40 Breakdown					
Area		FY 2010			
Active	Qty	0			
	Gross Cost	83.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	0			
	Gross Cost	83			
Description: The Installation Information Infrastructure Modernization Program-Europe (I3MP-Europe) is the European theater portion of the I3MP and is the primary initiative to digitize and provide increased voice and data connectivity to European Enduring Installations, support activities and deployed combat forces throughout the European Area of Operations. This critical program provides high-capacity and near real-time throughput for data, cable and voice solutions to European sustaining base installations; I3MP-Europe also installs Enterprise-level networks and infrastructure to support Army Transformation. As US Forces in Europe transform to optimally support Overseas Contingency Operations (OCO), this integrated, wide-ranging effort serves as the European Command's (EUCOM) critical link to the DoD-wide Defense Information Systems Network (DISN), Global Information Grid (GIG). This effort literally "takes bandwidth out of the equation" and facilitates European logistic, medical, and Warfighting support to Joint Expeditionary Forces deployed in direct support of OCO - especially Central Command (CENTCOM) and the newly-forming AFRICOM (Africa Command) Forces. It provides for the acquisition of transport switching equipment, the Defense Wave Division Multiplexed-Optical Transport Network (DWDM-OTN), and Fiber Optic Tie-Cables to provide enhanced communications capabilities across U.S. Army Europe's (USAREUR) fiber optic backbone network. Additionally, it includes Defense in Depth network security initiatives for the EUCOM network through the implementation of cutting-edge Top Level Architecture (TLA) security and Firewall equipment. I3MP's core objective is to create an infrastructure sufficiently robust and flexible to meet ever-increasing telecommunication requirements of the USAREUR footprint and Area Processing Center (APC) Architectures. This program also fields integrated, supportable Information Technology (IT) solutions for transformation of business processes, which enable the CIO/G-6, U.S. Army Europe to manage the European Infostructure as an Enterprise. It also facilitates future cost savings through technology convergence of voice and data platforms in accordance with Joint Staff Assured Services Local Area Network					

Exhibit P-40, Budget Item Justification Sheet		Date: February 2010
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment		P-1 Item Nomenclature I3MP - Europe (BU0510)
Program Elements for Code B Items:	Code:	Other Related Program Elements:
<p>requirements and funds for OSD mandated Internet Protocol version 6 (IPv6) capable equipment. This program supports the Defense Information Systems Network (DISN), Global Information Grid (GIG), Future Home Station Operation Centers (HSOC), the Army Campaign Plan, Modularity, Army Knowledge Management (AKM) Goal 3, Distance Learning, the DoD Standard Procurement System (SPS), the Global Combat Support System Army (GCSS-A), the Installation Support Modules (ISM), the Defense Message System (DMS), web enabled applications, image processing for intelligence missions, command and control for Army Expeditionary, Joint and Combined Forces, telemedicine and telemaintenance.</p> <p>Justification: FY 2010 Surge funding in the amount of \$83.0 million resources the procurement and installation of C4 communications infrastructure and C4 commercialization for systems subsequently identified from RFF-1080 series of requirements for Afghanistan (aka Uplift/Troop Increase).</p> <p>All funds will be used for critical support of: Technical Control Facilities (TCFs), outside plant, inside plant, communications equipment (e.g. UHF/VHF/HF radios, VSAT terminals, Prominas, etc), CENTRIXS network equipment, data servers, data switches, service delivery node equipment, and voice switches. Communications equipment also directly supports effective delivery, dissemination, and distribution of DISN communications services for the deployed Warfighters; SIPRNet, NIPRNet, DSN, DRSN/VoSIP, CENTRIXS, JWICS and VTC.</p> <p>All funds are for the active component.</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: I3MP - Europe (BU0510)	Weapon System Type:	Date: February 2010		
OPA2 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Units	\$000
I3MP Implementation/Engineering Project Management Support				83000	1	83000
Total:				83000		

Exhibit P-5a, Budget Procurement History and Planning									Date: February 2010		
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment		Weapon System Type:	P-1 Line Item Nomenclature: I3MP - Europe (BU0510)								
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	
I3MP Implementation/Engineering											
FY 2009	Lucent Technologies Inc McLeanville, NC	C/FP	ITEC4, Alexandria, VA	Feb 09	Mar 09	1		YES			
FY 2009	Nokia Siemens Reston, VA	C/FP	ITEC4, Alexandria, VA	Feb 09	Mar 09	1		YES			
FY 2009	Nokia Siemens Reston, VA	C/FP	ITEC4, Alexandria, VA	Feb 09	Mar 09	1		YES			
FY 2009	Nokia Siemens Reston, VA	MIPR	DITCO-EUR, Sembach AB, Germany	Dec 08	Mar 09	1		YES			
FY 2009	Siemens Reston, VA	C/FP	ITEC4, Alexandria, VA	Mar 09	May 09	1		YES			
FY 2009	Lucent Technologies Inc McLeanville, VA	MIPR	DITCO-EUR, Sembach AB, Germany	Dec 08	Apr 09	1		YES			
FY 2010	TBS TBS	TBS	ITEC4, Alexandria, VA	VAR	VAR	1		YES			
FY 2011	TBS TBS	TBS	ITEC4, Alexandria, VA	VAR	VAR	8		NO			
<p>REMARKS: Quantities reflect the number of sites where work is performed. I3MP is a complex program that orchestrates the implementation of multiple disciplines (connectivity (voice, data, Outside Cable Plant (OSP) network), capacity, storage and information assurance) across multiple locations each with their own developmental cycle, frequently resulting in the overlapping development and implementation of customized communications solutions (to meet unique and diverse mission conditions) at each Army installation. Unit costs and accompanying number of implementations (installations) will, therefore, vary from year to year, due to the complexity of the requirement, size of the installation, state of the information technology being replaced/modernized, the type of technology required, unique configuration and level of effort required to satisfy all requirements.</p> <p>ITEC4- Information Technology and Electronic Commerce Commercial Contracting Center DITCO-EUR - Defense Information Technology Contracting Organization - Europe</p>											

Exhibit P-40, Budget Item Justification Sheet				Date: February 2010	
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:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		45.1	Continuing	Continuing	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		45.1	Continuing	Continuing	
Initial Spares					
Total Proc Cost		45.1	Continuing	Continuing	
Flyaway U/C					
Weapon System Proc U/C			Continuing	Continuing	
<p>Description: Distributed Common Ground System - Army (DCGS-A) is the Intelligence, Surveillance and Reconnaissance (ISR) system of sytems for Joint, Interagency, Allied, Coalition, and National data analysis, information sharing and collaboration. It provides access to theater and national intelligence collection, analysis, early warning and targeting capabilities in support of commanders at all echelons. 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 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 Department of Defense (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 nine current force systems with a common, integrated capability that is fully interoperable with both the Network Centric Enterprise Services (NCES) and will be fielded in Fixed, Mobile and Embedded configurations. DCGS-A emphasizes the use of reach and split based operations to improve accessibility to data and reduce forward deployed footprint, executing the preponderance of ISR processing and exploitation from Fixed Sites that directly support tactical Commanders. Embedded DCGS-A will be the DCGS-A common software components that provide the standard services, applications and tools to conduct Future Battle Command (Network Enabled Command and Control (NECC)) Systems, and ISR operations. DCGS-A hardware and software will also be integrated into select ISR Current Force Program of Record (POR) systems to network enable and enhance their capability. DCGS-A is focused on improving and accelerating the decision-action cycle and enabling commanders at all levels to achieve situational understanding and unified action through a common operational picture (COP). 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.</p> <p>Justification: FY2010 Surge in the amount of \$45.103M will provid critical ISR tasking, processing, exploitation, and dissemination capabilities for 2 OEF Divisions, 5 BCTs, and 12 Functional/Multifunctional Bdes, by providing DCGS-A(V)3.1 enabled capabilities. For FY10 Surge: Procures 4 DCGS-A Enabled (DE) DTSS, 2 DE CGS, 2 DE ASAS, 8 DE ASAS IFS and 110 ASAS Lights.</p> <p>All Funds will support Active Component.</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 2010		
OPA2 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Units	\$000
Mods/Support of Current Force Systems				8224	2	1800
CGS (BCT Mods)				3600		
Software Licenses (New/Renewal)				19770		
Program Office Support				2087		
Fielding				3655		
Training				4287		
Interim Contractor Support				3480		
Total:				45103		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2010	
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
CGS (BCT Mods) FY 2010	General Dynamics Phoenix, AZ		C/FFP	Ft. Monmouth	May 10	Sep 10	2	1800			
REMARKS:											

[illegible]

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</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:		Code:	Other Related Program Elements:		
	Prior Years		FY 2010	To Complete	Total Prog
Proc Qty					
Gross Cost			1.2	Continuing	Continuing
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1			1.2	Continuing	Continuing
Initial Spares					
Total Proc Cost			1.2	Continuing	Continuing
Flyaway U/C					
Weapon System Proc U/C				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 an enhancement to the existing LCMR which was fielded to Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF).</p> <p>Justification: FY10 Surge procurement dollars in the amount of \$1.150 million supports procurement and fielding of LCMR V3 systems in support of OEF surge.</p> <p>All funds are for the Active component.</p>					

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 2 / Communications and Electronics Equipment</small>			P-1 Item Nomenclature WARLOCK (VA8000)		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost	630.6	36.7		667.3	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1	630.6	36.7		667.3	
Initial Spares					
Total Proc Cost	630.6	36.7		667.3	
Flyaway U/C					
Weapon System Proc U/C					
<p>Description: The Counter Radio Controlled Improvised Explosive Devices (RCIED) Electronics Warfare (CREW) family of Electronic Counter Measure (ECM) systems is used to provide essential force protection for fixed sites, vehicle platforms and soldiers. The CREW family of systems currently in production and being fielded includes the CREW 2 Duke system and the CREW 2.1 systems (i.e., CREW Vehicle Receiver Jammer (CVRJ) and the Mobile Multi-Band Jammer (MMBJ 2.1). CREW is designed to protect personnel, vehicle convoys and provide gate security from Radio Controlled Improvised Explosive Devices.</p> <p>Justification: FY10 OCO Surge dollars in the amount of \$36.697 million procures CREW Systems and supplemental items in support of OEF/OIF Harvest Plan, and initial Duke V3 A-Kits.</p> <p>All funding is for the Active Component.</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: WARLOCK (VA8000)	Weapon System Type:	Date: February 2010		
OPA2 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Units	\$000
CREW Upgrades				30897	1057	29.23
Platform A-Kits				5800	1132	5.12
Total:				36697		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2010

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: WARLOCK (VA8000)						
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
CREW Upgrades FY 2010	SRC Syracuse, NY		Option	CECOM	Apr 10	Oct 10	1057	29	Y		

REMARKS:

VA8000	Item No. 77 Page 4 of 4	Exhibit P-21
WARLOCK	Page 39 of 54	Production Schedule

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment			P-1 Item Nomenclature COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES (BL5283)		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		92.1		92.1	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		92.1		92.1	
Initial Spares					
Total Proc Cost		92.1		92.1	
Flyaway U/C					
Weapon System Proc U/C					
<p>Description: FY2010 Surge funding in the amount \$92.100 million. INFORMATION IDENTIFIED IN VOL II OF THE JOINT MILITARY INTELLIGENCE PROGRAM CONGRESSIONAL JUSTIFICATION BOOK.</p> <p>All funds will support Active Component.</p>					

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 2 / Communications and Electronics Equipment</small>			P-1 Item Nomenclature <small>COUNTER-ROCKET, ARTILLERY & MORTAR (C-RAM) (BZ0526)</small>		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		126.0		126.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		126.0		126.0	
Initial Spares					
Total Proc Cost		126.0		126.0	
Flyaway U/C					
Weapon System Proc U/C					
P-40 Breakdown					
Area		FY 2010			
Active	Qty	0			
	Gross Cost	126000.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	0			
	Gross Cost	126000			
<p>Description:</p> <p>Counter-Rockets, Artillery and Mortar (C-RAM) is an evolutionary Non-Developmental program initiated by the Army Chief of Staff in response to Iraqi threat and twice validated theater ONS. The primary mission of the C-RAM program is to develop, procure, field and maintain a system of systems that can detect rocket, artillery or mortar launches; warn the defended area with sufficient time for personnel to take cover; intercept rounds in flight, thus preventing damage to ground forces or facilities; and enhance response to and defeat of enemy forces. The C-RAM current capability utilizes a system of systems (SoS) approach, and is comprised of a combination of multi-service fielded and non-developmental item (NDI) sensors, command and control (C2) systems and a modified U.S. Navy intercept system, with a low cost commercial off-the-shelf (COTS) warning system and wireless local area network. The system is currently fielded to fifteen sites, providing them correlated air and ground pictures and linking them to the Army Battle Command System (ABCS) and the Joint Defense Network (JDN), via various forms of communications to provide situational awareness and exchange of timely and accurate information to synchronize and optimize automated Shape, Sense, Warn, Intercept, Respond and Protect decisions.</p> <p>The fielding of the C-RAM SoS was accomplished through an incremental acquisition process driven by urgent operational needs, theater priorities and emerging capability requirements to provide counter-RAM capability to fielded forces. The C-RAM Program Office has fielded equipment to fifteen (15) Forward Operating Bases (FOBs) (Sense, Warn and Intercept to three (3) FOBs; Sense and Warn to twelve (12) additional FOBs). The C-RAM SoS approach was validated by a Proof of Principle demonstration in December 2004 and Army Test and Evaluation Command (ATEC) tests in Feb 05, Apr 05, Jul 05, Nov-Dec 05, Sep-Oct 06, Sep-Oct 08 and Oct 09.</p>					

Exhibit P-40, Budget Item Justification Sheet		Date: February 2010
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment		P-1 Item Nomenclature COUNTER-ROCKET, ARTILLERY & MORTAR (C-RAM) (BZ0526)
Program Elements for Code B Items:	Code:	Other Related Program Elements:
<p>Current development efforts include the implementation of improvements and upgrades/test to fielded C-RAM and the initial development of Indirect Fire Protection Capability (IFPC) capabilities. C-RAM is the current program for the Iraq Theater of operations. The follow-on program to address future requirements (mobile, semi-fixed and fixed sites) will be titled Indirect Fire Protection Capability (IFPC). In parallel with a Joint Fires Integration and Interoperability Team (JFIIT) led effort to develop JCIDS documentation for IFPC program initiation, the Army is pursuing designation of IFPC as a Program of Record and establishment of a program office to provide materiel developer input to the JCIDS documentation.</p> <p>Justification: FY2010 OCO Surge procurement dollars in the amount of \$126.0 million provides C-RAM Sense and Warn capability in OEF.</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: COUNTER-ROCKET, ARTILLERY & MORTAR (C-RAM) (BZ0526)	Weapon System Type:	Date: February 2010		
OPA2 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Each	\$000
1. Installation/Upgrades/Sustainment				119578		
2. System Test						
3. Software Maintenance						
4. Training						
5. Contactor Field Support						
6. Program Management						
Total:				126000		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 20px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment			P-1 Item Nomenclature BASE EXPEDITIONARY TARGETING AND SURV SYS (BZ6501)		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		203.0		203.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		203.0		203.0	
Initial Spares					
Total Proc Cost		203.0		203.0	
Flyaway U/C					
Weapon System Proc U/C					
<p>Description: Base Expeditionary Targeting and Surveillance System - Combined (BETSS-C) is a collection of mobile and semi-fixed sensors providing targeting and surveillance, force protection, and counter Improvised Explosive Devices (IED) capabilities for 360 degree day and night coverage. This effort will provide modular and scalable sensor architecture of "plug and play" common components (building blocks) that are tailor-able to meet mission specific requirements. The integrated "Family of Systems" will be comprised of existing sensor systems that combine to meet the aggregated requirements of stated needs from operating forces currently in Theater. This capability is a Quick Reaction Capability (QRC) project.</p> <p>The BETSS-C program is comprised of existing Quick Reaction Capability (QRC) initiatives that includes: Rapid Aerostat Initial Deployment (RAID), the Cerberus, Force Protection Suite (FPS), Mid Range Thermal Imagers (MRTI), Integrated Base Defense System of Systems (IBDSoS), Rapid Deployment Integrated Surveillance System (RDISS), and Ancillary Equipment.</p> <p>At the direction of HQDA, BETSS-C is funding the initial operations support of the JIEDDO procured quantities as well. Funding also provides for procurement of initial spares, home station training, associated fielding and new equipment training team (NET) requirements, operations support personnel and contractor logistic support.</p> <p>Justification: FY10 Overseas Contingency Operations (OCO) Surge funds in the amount of \$203.000 million will procure a combination of BETSS-C systems to support the Army's OEF 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: BASE EXPEDITIONARY TARGETING AND SURV SYS (BZ6501)	Weapon System Type:	Date: February 2010		
OPA2 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Each	\$000
RAID				11200	5	2240
Cerberus				25488	24	1062
Fielding /Transport, FSR, Site Survey				95552		
BETSS-System Inter-operability Retro-fit				70760		
Total:				203000		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2010		
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 2/ Communications and Electronics Equipment			Weapon System Type:		P-1 Line Item Nomenclature: BASE EXPEDITIONARY TARGETING AND SURV SYS (BZ6501)							
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
RAID												
FY 2010		TBD		CC/FFP	TBD	Sep 10	Mar 11	5	2240	Y		
Cerberus												
FY 2010		TBD		CC/FFP	TBD	Aug 10	Feb 11	24	1062	Y		
REMARKS:												

[illegible]

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment			P-1 Item Nomenclature CSS COMMUNICATIONS (BD3501)		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		15.0	Continuing	Continuing	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		15.0	Continuing	Continuing	
Initial Spares					
Total Proc Cost		15.0	Continuing	Continuing	
Flyaway U/C					
Weapon System Proc U/C			Continuing	Continuing	
P-40 Breakdown					
Area		FY 2010			
Active	Qty	0			
	Gross Cost	15000.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	0			
	Gross Cost	15000			
<p>Description: This Combat Service Support (CSS) Communications program supports the Army's full spectrum logistics communication requirements under two programs: Combat Service Support Automated Information System Interface (CAISI) and Combat Service Support Satellite Communications (CSS SATCOM).</p> <p>CAISI allows current and emerging battlefield combat service support 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 CSS doctrine during full spectrum operations, facilitating the concentration of users and the transfer of real time information in a highly fluid operational environment.</p> <p>CSS SATCOM provides a highly effective, easy to use, transportable commercial SATCOM based solution to CSS nodes, supporting broadband information exchange up to Sensitive information, rapidly deployable anywhere in the world, and fully integrated into the Global Information Grid (GIG). Many of the critical Standard Army Management Information Systems (STAMIS) operate on the CSS SATCOM network (backbone) to support the mission and units in the field.</p>					

Exhibit P-40, Budget Item Justification Sheet		Date: February 2010
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 2 / Communications and Electronics Equipment		P-1 Item Nomenclature CSS COMMUNICATIONS (BD3501)
Program Elements for Code B Items:	Code:	Other Related Program Elements:
Justification: FY 2010 OCO funding of \$15.000 million procures hardware, integration and fielding of CAISI modules to enable the Warfighter to communicate real-time logistics information to reach-back commands and provide LAN capability for CSS units across the Army.		

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 2010		
OPA2 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Units	\$000
CAISI				15000	2248	
CSS SATCOM						
Total:				15000		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: center; margin-top: 10px;">February 2010</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 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		15.0	Continuing	Continuing	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		15.0	Continuing	Continuing	
Initial Spares					
Total Proc Cost		15.0	Continuing	Continuing	
Flyaway U/C					
Weapon System Proc U/C			Continuing	Continuing	
P-40 Breakdown					
Area		FY 2010			
Active	Qty	0			
	Gross Cost	15000.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	0			
	Gross Cost	15000			
<p>Description: COMBAT SERVICE SUPPORT AUTOMATED INFORMATION SYSTEMS INTERFACE (CAISI) - CAISI allows current and emerging CSS Automation devices within the logistics support areas to electronically exchange information via tactical networks. CAISI also interfaces with other Combat Service Support (CSS), and sustaining base automated systems. CAISI provides unit commanders and managers an interface device to support current and future combat service support doctrine for the conduct of full spectrum operations.</p> <p>Justification: FY 2010 OCO funding in the amount of \$15.000 million procures hardware and support to integrate CAISI 2.0 modules enabling the communication of real-time logistics information and continues the replacement for the CAISI 1.0 which is approaching the end of its useful life.</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 2010		
OPA2 Cost Elements				ID	FY 10		
				CD	Total Cost	Qty	Unit Cost
					\$000	Units	\$000
Processor Group S					8550	1710	5
Accessory Kit					6450	538	12
Processor Group S							
Total:					15000		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2010	
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
Processor Group S FY 2010	VARIOUS VARIOUS		C/FP	ITEC4, Alexandria, VA			1710	5	NO	NO	NA
Accessory Kit FY 2010	VARIOUS VARIOUS		C/FP	ITEC4, Alexandria, VA			538	12	NO	NO	NA
Processor Group S											
REMARKS:											

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: center; margin-top: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 2 / Communications and Electronics Equipment</small>			P-1 Item Nomenclature CSS SATCOM (BD3513)		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost			Continuing	Continuing	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1			Continuing	Continuing	
Initial Spares					
Total Proc Cost			Continuing	Continuing	
Flyaway U/C					
Weapon System Proc U/C			Continuing	Continuing	
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 information 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.					

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LOADERS (162 - R04500)	26
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Rapid Equipping Soldier Support Equipment (184 - M80101)	48
SCRAPERS, EARTHMOVING (159 - RA0100)	20

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 3 / Other support equipment</small>			P-1 Item Nomenclature GRND STANDOFF MINE DETECTION SYSTEM (GSTAMIDS) (R68400)		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		173.0		173.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		173.0		173.0	
Initial Spares					
Total Proc Cost		173.0		173.0	
Flyaway U/C					
Weapon System Proc U/C					
<p>Description: This is an All Types line covering ground vehicle mounted or towed landmine detection and neutralization systems.</p> <p>The Route Clearing Package (RCP) is a set of equipment used to clear convoy routes and other roadways of explosive hazards to include mines, and IEDs. A set consists of 2 full width Self Protection Roller Kits (SPARK) roller kis, 2 Huskey Mine Detection systems with Ground Penetrating Radar, 2 Vehicle Mounted Optical Sensor Systems (VOSS) and 2 robotic interrogation arms</p> <p>Justification: FY10 OCO surge procurement funding in the amount of \$173.0 million supports production of 27 Route Clearing Packages required for convoy protection and road clearing in theater.</p>					

Exhibit P-5, Weapon OPA3 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 3 / Other support equipment	P-1 Line Item Nomenclature: GRND STANDOFF MINE DETECTION SYSTEM (GSTAMIDS) (R68400)	Weapon System Type:	Date: February 2010		
OPA3 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Units	\$000
Route Clearing Package				173000	27	6407
Total:				173000		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 3 / Other support equipment</small>			P-1 Item Nomenclature GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS)BLK 1 (R68102)		
Program Elements for Code B Items: <small>654808 / D415</small>		Code: <div style="text-align: center;">B</div>	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		173.0		173.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		173.0		173.0	
Initial Spares					
Total Proc Cost		173.0		173.0	
Flyaway U/C					
Weapon System Proc U/C					
<p>Description: The Route Clearing Package (RCP) is a set of equipment used to clear convoy routes and other roadways of explosive hazards to include mines, and IEDs. A set consists of 2 full width Self Protection Roller Kits (SPARK) roller kis, 2 Huskey Mine Detection systems with Ground Penetrating Radar, 2 Vehicle Mounted Optical Sensor Systems (VOSS) and 2 robotic interrogation arms.</p> <p>Justification: FY10 OCO Surge Procurement dollars in the amount of \$173.0 million supports production of 27 Route Clearing Packages required for convoy protection and road clearing in theater.</p>					

Exhibit P-5, Weapon OPA3 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 3 / Other support equipment	P-1 Line Item Nomenclature: GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS)BLK 1 (R68102)	Weapon System Type:		Date: February 2010	
OPA3 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Units	\$000
ROUTE CLEARING PACKAGE						
HARDWARE						
Husky Mine Detection System				113400	54	2100
Vehicle Optical Sensor System (VOSS)				34560	54	640
SPARK Roller Set - Full Width				13932	54	258
Interrogation Arms				4050	54	75
Initial Spares				2678		
Subtotal Hardware				168620		
PRODUCTION SUPPORT COSTS						
Production Engineering				1790		
Contractor Logistics Support				400		
Subtotal Production Support Costs				2190		
NON-RECURRING COSTS						
Air Transportation to theater				2190		
Subtotal Non-Recurring Costs				2190		
Total:				173000		

Exhibit P-5a, Budget Procurement History and Planning								Date: February 2010		
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 3/ Other support equipment		Weapon System Type:	P-1 Line Item Nomenclature: GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS)BLK 1 (R68102)							
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
Husky Mine Detection System FY 2010	NIITEC Charlottesville, VA	SS/Option	CECOM, Alexandria, VA	Aug 10	Feb 11	54	2100			
Vehicle Optical Sensor System (VOSS) FY 2010	Lockheed-Martin Gyrocam Sarasota, FL	C/Option	Picatinny, NJ	Aug 10	Feb 11	54	640			
SPARK Roller Set - Full Width FY 2010	To Be Selected	C/Option	CECOM, Alexandria, VA	Aug 10	Feb 11	54	258			
Interrogation Arms FY 2010	FASCAN International Baltimore, MD	SS/Option	CECOM, Alexandria, VA	Aug 10	Feb 11	54	75			
REMARKS:										

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 3 / Other support equipment</small>			P-1 Item Nomenclature FORCE PROVIDER (M80200)		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		12		12	
Gross Cost		171.3		171.3	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		171.3		171.3	
Initial Spares					
Total Proc Cost		171.3		171.3	
Flyaway U/C					
Weapon System Proc U/C					
P-40 Breakdown					
Area		FY 2010			
Active	Qty	12			
	Gross Cost	171.3			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	12			
	Gross Cost	171.3			
<p>Description: A fully engineered system, this deployable tent city provides high quality climate-controlled billeting, dining, shower, latrine, laundry, and Morale Welfare Recreation (MWR) facilities and equipment capable of supporting 550+ soldiers. Force Provider is fully containerized for rapid deployment and is transportable by rail, sea, land, and air using C-130, C-141, C-17 or C-5A aircraft. With the addition of Cold Weather Kits (CWKs), the module is deployable in temperatures as low as -15 degrees Fahrenheit. Missions for Force Provider are: base camps for enforcement missions, peace keeping, theater reception/redeployment, intermediate staging base operations, humanitarian aid, and disaster relief; both in theater and in austere environments. Force Provider modules are placed in Prepositioned Stocks to meet critical Commander in Chief (CINC) Operations Plan requirements. These systems are configured with optional Power Generation Kits, Cold Weather Kits and Prime Power Kits which increase their deployment versatility. The Army Acquisition Objective for Force Provider is 56 systems.</p> <p>Justification: FY10 OCO Surge procurement dollars in the amount of \$171.349 million produce 12 Force Provider modules that are critical to the Army's ability to deploy rapid basing capabilities, 3 Power Generation Kits, 1 Cold Weather Kit, and 10 sets of Expeditionary TRICON Systems (shower, laundry, latrine, kitchen, and shower water reuse). These systems are needed to replace battle losses</p>					

Exhibit P-40, Budget Item Justification Sheet		Date: February 2010
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 3 / Other support equipment		P-1 Item Nomenclature FORCE PROVIDER (M80200)
Program Elements for Code B Items:	Code:	Other Related Program Elements:
<p>and provide critical life support capabilities in theater as a result of the increase in troop strength. Due to the continued Urgent Operational Needs Statements (UONS) for modules, the Army's Force Provider assets within Army Prepositioned Stock (APS) have all been deployed leaving no modules and/or capability in APS to support the surge or for use in emergency circumstances.</p>		

Exhibit P-5, Weapon OPA3 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 3 / Other support equipment	P-1 Line Item Nomenclature: FORCE PROVIDER (M80200)	Weapon System Type:	Date: February 2010		
OPA3 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Each	\$000
Force Provider Module				144000	12	12000
Power Generator Kit				4500	3	1500
Cold Weather Kit				1300	1	1300
Force Provider Expeditionary TRICON Set				18480	10	1848
PM Support				550		
Spare Parts				309		
Engineering Support				800		
ILS Support				640		
Fielding and Direct Support				770		
Total:				171349		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2010	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 3/ Other support equipment			Weapon System Type:		P-1 Line Item Nomenclature: FORCE PROVIDER (M80200)						
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
Force Provider Module FY 2010	TBD		C/FP	Natick, MA	May 10	Feb 11	12	12000	Y	MAY 09	AUG 09
Power Generator Kit FY 2010	Letterkenny Army Depot Chambersburg, PA		MIPR	Natick, MA	May 10	Feb 11	3	1500	Y	OCT 07	AUG 09
Cold Weather Kit FY 2010	TBD		C/FP	Natick, MA	May 10	Oct 10	1	1300	Y	OCT 07	SEP 09
Force Provider Expeditionary TRICON Set FY 2010	TBD		C/FP	Natick, MA	May 10	Nov 10	10	1848	Y	SEP 09	DEC 09
REMARKS:											

M80200	Item No. 146 Page 5 of 5	Exhibit P-21
FORCE PROVIDER	Page 12 of 56	Production Schedule

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 3 / Other support equipment</small>			P-1 Item Nomenclature QUALITY SURVEILLANCE EQUIPMENT (MB6400)		
Program Elements for Code B Items:		Code: <div style="text-align: center;">A</div>	Other Related Program Elements: R67500 Petroleum Quality Analysis System		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		4.1		4.1	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		4.1		4.1	
Initial Spares					
Total Proc Cost		4.1		4.1	
Flyaway U/C					
Weapon System Proc U/C	20.0			20.0	
P-40 Breakdown					
Area		FY 2010			
Active	Qty	0			
	Gross Cost	4103.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	0			
	Gross Cost	4103			
<p>Description: Quality Surveillance Equipment is a family of petroleum and water laboratories used to evaluate the quality of military fuels and palatable water for our soldiers.</p> <p>Petroleum Quality Analysis System-Enhanced(PQAS-Enhanced): PQAS-Enhanced is a petroleum laboratory that utilizes the latest available commercial technology for petroleum testing. The system is used in forward areas to conduct over 20 different quality tests on petroleum products and offers immediate feedback of petroleum quality. PQAS-Enhanced is a new modular requirement for the Aviation Support Brigades and it replaces the current Air Mobile Petroleum Labs for ground aviation on a 1:1 basis. PQAS-Enhanced will reduce the logistic footprint with a two soldier crew instead of the present four soldiers required for the Air Mobile Lab. The Army Acquisition Objective is 65 systems.</p> <p>Justification: FY10 OCO Surge procurement funds in the amount of \$4.103 million funds the engineering support required to field PQAS-E in theater in support of OEF requirements.</p>					

Exhibit P-5, Weapon OPA3 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 3 / Other support equipment	P-1 Line Item Nomenclature: QUALITY SURVEILLANCE EQUIPMENT (MB6400)	Weapon System Type:	Date: February 2010			
OPA3 Cost Elements			ID	FY 10			
			CD	Total Cost	Qty	Unit Cost	
				\$000	Units	\$000	
Hardware Petroleum Quality Analysis System (PQAS) Engineering Change Orders/Proposal Documentation Provisioning Training Engineering Support In-House Quality Assurance Support In-House Program Management Support In-House System Fielding Support Total:			A				
					1183		
					513		
					525		
					576		
					192		
				1114			
				4103			

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 3 / Other support equipment</small>			P-1 Item Nomenclature GRADER, ROAD MTZD, HVY, 6X4 (CCE) (R03800)		
Program Elements for Code B Items: <small>654804/H01</small>		Code: <div style="text-align: center;">B</div>	Other Related Program Elements:		

	Prior Years	FY 2010	To Complete	Total Prog
Proc Qty		13		13
Gross Cost		3.4		3.4
Less PY Adv Proc				
Plus CY Adv Proc				
Net Proc P1		3.4		3.4
Initial Spares				
Total Proc Cost		3.4		3.4
Flyaway U/C				
Weapon System Proc U/C				

P-40 Breakdown		
Area		FY 2010
Active	Qty	13
	Gross Cost	3390.0
National Guard	Qty	0
	Gross Cost	0.0
Reserve	Qty	0
	Gross Cost	0.0
Total	Qty	13
	Gross Cost	3390

Description:
 Graders are used by Horizontal Companies, Engineer Support Companies, Asphalt Teams, and Quarry Platoons in support of modular force requirements. The heavy grader is diesel-engine driven, pneumatic tired, with articulated frame steering. It is equipped with a power shift transmission, fully enclosed cab, hydraulically operated blade and scarifier. The heavy grader may be driven from one field/work site to another and is used for grading, shaping, bank sloping, ditching, scarifying and general construction and maintenance of roads and airfields. The Approved Acquisition Objective is 598.

Justification:
 FY 2010 OCO surge funding in the amount of \$3.390 million supports the procurement of 13 Heavy Graders. Funds support Operation Enduring Freedom (OEF) road construction and Forward Operating Base (FOB) construction. The capability provides the Army's forces improved mobility and deployability through immature infrastructure repair and rapid airfield construction and repair. The current grader fleet has exceeded its planned useful life of 15 years. New graders provide updated technology, electronics and hydraulics which support required readiness rates while reducing the logistics footprint.

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: center;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 3 / Other support equipment</small>			P-1 Item Nomenclature <small>GRADER, MTZD, HVY (R03801)</small>		
Program Elements for Code B Items: <small>0604804ADH01</small>		Code: <div style="text-align: center;">B</div>	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		13		13	
Gross Cost		3.4		3.4	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		3.4		3.4	
Initial Spares					
Total Proc Cost		3.4		3.4	
Flyaway U/C					
Weapon System Proc U/C					
P-40 Breakdown					
Area		FY 2010			
Active	Qty	13			
	Gross Cost	3390.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	13			
	Gross Cost	3390			
<p>Description: Graders are used by Horizontal Companies, Engineer Support Companies, Asphalt Teams, and Quarry Platoons in support of modularity requirements. The heavy grader is diesel-engine driven, pneumatic tired, with articulated frame steering. It is equipped with a power shift transmission, fully enclosed cab, hydraulically operated blade and scarifier. The heavy grader may be driven from one field/work site to another and is used for grading, shaping, bank sloping, ditching, scarifying and general construction and maintenance of roads and airfields.</p> <p>The Approved Acquisition Objective is 598.</p> <p>Justification: FY 2010 OCO surge funds in the amount of \$3.390 million support the procurement of 13 Heavy Graders. Funds support the construction of Operating and Enduring Freedom(OEF) road construction and Forward Operating Base(FOB) construction. The capability provides the Army's forces with improved mobility and deployability through immature infrastructure repair and rapid airfield construction and repair. The current grader fleet has exceeded its planned useful life of 15 years. New graders provide updated technology, electronics and hydraulics which support required readiness rates while reducing the logistics footprint.</p>					

Exhibit P-5, Weapon OPA3 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 3 / Other support equipment	P-1 Line Item Nomenclature: GRADER, MTZD, HVY (R03801)	Weapon System Type:	Date:		
				February 2010		
OPA3 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Units	\$000
Hardware (First Article Test)			B	3224	13	248
Hardware						
Engineer Change Orders						
Documentation						
Testing						
Engineering Support						
Program Management Support						
System Fielding Support						
Training Aid						
Total:				3390		

Exhibit P-5a, Budget Procurement History and Planning									Date: February 2010		
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 3/ Other support equipment		Weapon System Type:	P-1 Line Item Nomenclature: GRADER, MTZD, HVY (R03801)								
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 (First Article Test) Hardware FY 2010	Caterpillar Peoria, IL		CFP5/5(3)	TACOM, Warren, MI	Apr 10	Oct 10	13	248	N/A	N/A	N/A
REMARKS:											

[illegible]

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 3 / Other support equipment</small>			P-1 Item Nomenclature SCRAPERS, EARTHMOVING (RA0100)		
Program Elements for Code B Items:		Code: <div style="text-align: center;">A</div>	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		1		1	
Gross Cost		1.4		1.4	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		1.4		1.4	
Initial Spares					
Total Proc Cost		1.4		1.4	
Flyaway U/C					
Weapon System Proc U/C					
P-40 Breakdown					
Area		FY 2010			
Active	Qty	1			
	Gross Cost	1428.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	1			
	Gross Cost	1428			
Description: <p>The Scraper provides the Combat Engineer with essential equipment to perform their road building and site preparation mission in offensive, defensive, and rear area combat operations and in support of Rapid Deployment Force missions.</p> <p>The Scraper, Elevating SP 11 Cubic Yard (CY) will be used by Engineer Support Companies for earthmoving work such as construction and maintenance of roads, airfields, and facilities to support the tactical mission. This item has a heaped capacity of 11 CY and can be transported in two sections by helicopter. The Scraper shall be capable of being loaded and rigged on an air delivery platform and air delivered by low velocity airdrop. The Army Acquisition Objective (AAO) is 760.</p> <p>The 14-18 CY Heavy Scraper will be used by Horizontal Construction Companies. The 14-18 CY Scraper is a self-propelled, open bowl, two axle, single diesel engine driven, articulated frame steer vehicle with pneumatic tires. The loading capacity is 14 CY struck and 18 CY heaped. Normal mode of operation is to use a push tractor to maximize production. The self-propelled Scraper can work alone and self load, but at reduced production capacity. The Scraper provides a hauling and dumping capability to perform efficient earthmoving tasks in support of earthmoving projects. The Army Acquisition Objective (AAO) is 812.</p>					

Exhibit P-40, Budget Item Justification Sheet		Date: February 2010
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 3 / Other support equipment		P-1 Item Nomenclature SCRAPERS, EARTHMOVING (RA0100)
Program Elements for Code B Items:	Code: A	Other Related Program Elements:
<p>Justification: FY10 OCO surge procurement funding in the amount of \$1.428 million procures 1 Heavy Scraper in support of Operation Enduring Freedom (OEF). Units conduct construction missions both Forward Operating Base (FOB) and outposts. The Scraper provides the Army's forces improved mobility and deployability to meet Army Modular Force requirements. New Scrapers will provide updated technology, electronics and hydraulics which will increase the current readiness and reduce the logistics footprint.</p>		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 3 / Other support equipment			P-1 Item Nomenclature SCRAPER, EARTHMOVING, 14-18 CU YD (R02800)		
Program Elements for Code B Items: 0604804A DH01		Code: <div style="text-align: center;">B</div>	Other Related Program Elements:		

	Prior Years	FY 2010	To Complete	Total Prog
Proc Qty		1		1
Gross Cost		1.4		1.4
Less PY Adv Proc				
Plus CY Adv Proc				
Net Proc P1		1.4		1.4
Initial Spares				
Total Proc Cost		1.4		1.4
Flyaway U/C				
Weapon System Proc U/C				

P-40 Breakdown		
Area		FY 2010
Active	Qty	1
	Gross Cost	1428.0
National Guard	Qty	0
	Gross Cost	0.0
Reserve	Qty	0
	Gross Cost	0.0
Total	Qty	1
	Gross Cost	1428

Description:
 This Scraper will be used by Horizontal Construction Companies. The 14-18 Cubic Yard (CY) Scraper is a self-propelled, open bowl, two axle, single diesel engine driven, articulated frame steer vehicle with pneumatic tires. The loading capacity is 14 cubic yards struck, and 18 cubic yards heaped. Normal mode of operation is to use a push tractor to maximize production. The self-propelled scraper can work alone and self load, but at reduced production capacity. The scraper provides a hauling and dumping capability to perform efficient earthmoving tasks in support of earthmoving projects.

The Army Acquisition Objective (AAO) is 812.

Justification:
 FY10 OCO surge procurement funds in the amount of \$1.428 million procures 1 Heavy Scraper. Funds support Operation Enduring Freedom (OEF). Units conduct construction missions both in Forward Operating Base (FOB) and outposts. New Scrapers will provide updated technology, electronics and hydraulics which will increase the current readiness and reduce the logistics footprint.

Exhibit P-5, Weapon OPA3 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 3 / Other support equipment	P-1 Line Item Nomenclature: SCRAPER, EARTHMOVING, 14-18 CU YD (R02800)	Weapon System Type:	Date: February 2010		
OPA3 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Units	\$000
Hardware			B	700	1	700
Engineering Change Order						
Documentation						
Testing						
Engineering In-House						
Program Management Support						
System Fielding Support						
Training Aide						
Total:				1428		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2010		
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 3/ Other support equipment			Weapon System Type:		P-1 Line Item Nomenclature: SCRAPER, EARTHMOVING, 14-18 CU YD (R02800)							
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 FY 2010		TBS TBS		C/FP5(1)	TACOM	Apr 10	Oct 10	1	700			
<p>REMARKS: Contract type will be: Competitive Firm Price five year contract with five (1) year options.</p>												

FY 10 / 11 BUDGET PRODUCTION SCHEDULE													P-1 ITEM NOMENCLATURE SCRAPER, EARTHMOVING, 14-18 CU YD (R02800)										Date: February 2010										
COST ELEMENTS						Fiscal Year 10												Fiscal Year 11												Later			
MFR	FY	SERV	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 10												Calendar Year 11												
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP				
Hardware																																	
1	FY 10	A		1	0	1			1				A						1											0			

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 3 / Other support equipment</small>			P-1 Item Nomenclature <small>LOADERS (R04500)</small>		
Program Elements for Code B Items: <small>654804/H01</small>		Code: <div style="text-align: center;">B</div>	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		7		7	
Gross Cost		1.2		1.2	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		1.2		1.2	
Initial Spares					
Total Proc Cost		1.2		1.2	
Flyaway U/C					
Weapon System Proc U/C	0.4			0.4	
P-40 Breakdown					
Area		FY 2010			
Active	Qty	7			
	Gross Cost	1157.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	7			
	Gross Cost	1157			
<p>Description: Loader, Scoop Type, 2.5 Cubic Yard, Light Type II is currently assigned to Combat Support Brigade (CSB) Engineer (EN) Companies, Concrete Teams, Training and Doctrine Command (TRADOC) and the Armored Cavalry Regiments (ACR) elements. The Light Type II general purpose scoop loader is a versatile machine which is a crucial part of the maneuver and mobility force, that supports the Brigade Combat Team (BCT) in the Army's Future Force. The loader is a diesel-engine driven, four-wheel-drive machine with rear axle oscillation and articulated frame steering. The hydraulically-operated scoop bucket is attached to the front of the loader by means of a push frame and lift arms. Loaders are usually equipped with one piece general purpose bucket or a multipurpose (hinged jaw) bucket. These vehicles will feature a quick-coupler mechanism to attach/detach the bucket, fork lift attachment, and sweepers. Crew survivability will be addressed in accordance with the Army's Long Term Armor Strategy (LTAS).</p> <p>Justification: FY10 OCO surge procures 7 Light Loaders to support Forward Operating Base (FOB) requirements for troops deploying in support of Operation Enduring Freedom.</p> <p>The Approved Acquisition Objective is 357.</p>					

Exhibit P-5, Weapon OPA3 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 3 / Other support equipment	P-1 Line Item Nomenclature: LOADERS (R04500)	Weapon System Type:	Date: February 2010		
OPA3 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Each	\$000
Loader, Scoop Type, DD 4WHL, 2 1/2 CU YD				1157		
Loader, Scoop Type, 4-5 CU YD (CCE)						
Total:				1157		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 3 / Other support equipment</small>			P-1 Item Nomenclature <small>LOADER, SCOOP TYPE, DD 4WHL, 2-1/2 CU YD (M06400)</small>		
Program Elements for Code B Items: <small>654804/H01</small>		Code: <div style="text-align: center;">B</div>	Other Related Program Elements:		

	Prior Years	FY 2010	To Complete	Total Prog
Proc Qty		7		7
Gross Cost		1.2		1.2
Less PY Adv Proc				
Plus CY Adv Proc				
Net Proc P1		1.2		1.2
Initial Spares				
Total Proc Cost		1.2		1.2
Flyaway U/C				
Weapon System Proc U/C				

P-40 Breakdown		
Area		FY 2010
Active	Qty	7
	Gross Cost	1157.0
National Guard	Qty	0
	Gross Cost	0.0
Reserve	Qty	0
	Gross Cost	0.0
Total	Qty	7
	Gross Cost	1157

Description:
 Loader, Scoop Type, 2.5 Cubic Yard (CY) Light Type II is currently assigned to Combat Support Brigade (CSB) Engineer (EN) Companies, Concrete Teams, Training and Doctrine Command (TRADOC) and the Armored Cavalry Regiments (ACR) elements. The Light Type II general purpose scoop loader is a versatile machine which is a crucial part of the maneuver and mobility force, that supports the Brigade Combat Team (BCT) in the Army's Future Force. The loader is a diesel-engine driven, four-wheel-drive machine with rear axle oscillation and articulated frame steering. The hydraulically-operated scoop bucket is attached to the front of the loader by means of a push frame and lift arms. Loaders are usually equipped with one piece general purpose bucket. These vehicles will feature a quick-coupler mechanism to attach/detach the bucket, fork lift attachment, and sweepers. Crew survivability will be addressed in accordance with the Army's Long Term Armor Strategy (LTAS). The Army Acquisition Objective (AAO) is 357.

Justification:
 FY10 OCO surge procures 7 Loader, Scoop Type, 2.5 Cubic Yard (CY) Light Type II to support troops deploying in support of Operation Enduring Freedom (OEF).

Exhibit P-5, Weapon OPA3 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 3 / Other support equipment	P-1 Line Item Nomenclature: LOADER, SCOOP TYPE, DD 4WHL, 2-1/2 CU YD (M06400)	Weapon System Type:	Date: February 2010		
OPA3 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Each	\$000
Hardware			B	1050	7	150
Program Management Support						
Testing						
Engineering						
System Fielding Support				107		
Training Aid						
Logistics Update for Armor						
Engineering Change Order						
Total:				1157		

Exhibit P-5a, Budget Procurement History and Planning									Date: February 2010		
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 3/ Other support equipment			Weapon System Type:		P-1 Line Item Nomenclature: LOADER, SCOOP TYPE, DD 4WHL, 2-1/2 CU YD (M06400)						
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 2010	Caterpillar, Inc Peoria, IL		CF/P5(5)	TACOM, Warren, MI	Apr 10	Jan 11	7	150	Yes	Jul 05	
REMARKS: Cost Fixed Price contract 5 years with five 1 year options.											

[illegible]

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 3 / Other support equipment</small>			P-1 Item Nomenclature HYDRAULIC EXCAVATOR (X01500)		
Program Elements for Code B Items:		Code: <div style="text-align: center;">A</div>	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		9		9	
Gross Cost		2.8		2.8	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		2.8		2.8	
Initial Spares					
Total Proc Cost		2.8		2.8	
Flyaway U/C					
Weapon System Proc U/C					
P-40 Breakdown					
Area		FY 2010			
Active	Qty	9			
	Gross Cost	2832.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	9			
	Gross Cost	2832			
<p>Description: The Hydraulic Excavator (HYEX) Type I is assigned to Multi-Role Bridge Companies (MRBCs) and Horizontal Companies. The Type I HYEX provides a multi-functional construction capability that can dig, trench, dredge, scoop, lift, dump, demolish, and reduce existing structures. The HYEX is a commercial item of construction equipment with minor military modifications. It is a diesel engine driven, self-propelled, track mounted, hydraulically controlled system, equipped with a hydraulic quick disconnect coupler for use with a wide variety of attachments. The HYEX is transported by highway, rail, marine, and air in C-17 and C-5 aircraft. A Type I HYEX is equipped with a hydraulic impact breaker, hydraulic plate compactor, and buckets for general excavation, digging, trenching and lifting. Crew survivability will be addressed in accordance with the Army's Long Term Armor Strategy (LTAS). Systems must be procured to fill Table of Organization and Equipment (TO&E) shortages related to Future Engineer Force (FEF) modularity requirements.</p> <p>HYEX Type I AAO: 251 systems.</p> <p>Justification: FY10 OCO surge procurement funding in the amount of \$2.832 million procures nine (9) Type I HYEX systems. The Type I HYEX is an organic earthmoving piece of equipment supporting</p>					

Exhibit P-40, Budget Item Justification Sheet		Date: February 2010
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 3 / Other support equipment		P-1 Item Nomenclature HYDRAULIC EXCAVATOR (X01500)
Program Elements for Code B Items:	Code: A	Other Related Program Elements:
<p>Forward Operating Bases (FOBs) for troops deploying to Operation Enduring Freedom (OEF).</p>		

Exhibit P-5, Weapon OPA3 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 3 / Other support equipment	P-1 Line Item Nomenclature: HYDRAULIC EXCAVATOR (X01500)	Weapon System Type:	Date: February 2010		
OPA3 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Each	\$000
Hardware			A	2052	9	228
Documentation				100		
Testing						
Engineering In-House				140		
Program Management Support				138		
System Fielding Support				302		
Engineering Change Order						
Attachments						
C-Kits						
Training Aids				100		
Total:				2832		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2010	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 3/ Other support equipment			Weapon System Type:		P-1 Line Item Nomenclature: HYDRAULIC EXCAVATOR (X01500)						
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 2010	John Deere Moline, IL		C/FP 5(1)	TACOM	Apr 10	Nov 10	9	228	YES	N/A	
REMARKS:											

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 3 / Other support equipment</small>			P-1 Item Nomenclature HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) FOS (R05901)		
Program Elements for Code B Items: <small>654804/H01</small>		Code: <div style="text-align: center;">A</div>	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		48		48	
Gross Cost		11.8		11.8	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		11.8		11.8	
Initial Spares					
Total Proc Cost		11.8		11.8	
Flyaway U/C					
Weapon System Proc U/C					
P-40 Breakdown					
Area		FY 2010			
Active	Qty	48			
	Gross Cost	11765.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	48			
	Gross Cost	11765			
Description: The High Mobility Engineer Excavator (HMEE) is a family of vehicles consisting of the Interim HMEE (IHMEE, ended in FY04), HMEE Type I, HMEE Type II, and HMEE Type III. HMEE Type I and HMEE Type II are developmental military unique vehicles. The HMEE Type III is a commercial off the shelf backhoe loader with minor military modifications. The family of HMEEs supports the Engineers in the following engineer forces: HMEE Type I supports the Brigade Combat Team (BCT), the HMEE Type III will support the Airborne and Air Assault forces, and the HMEE III supports the Combat Support Brigades (CSB). The family of HMEEs is lightweight, all wheel drive, diesel engine driven, high mobility vehicles with backhoe, bucket loader, and other attachments. The vehicles within the Family of HMEEs support the Air Ground Lines of Communication (A/G LOC) forces and the Rapid Tactical Earthmoving (RTE) forces, providing engineers the capability to repair/improve roads, trails, bridges, and airfields, rapidly dig combat emplacements (i.e., crew served weapon positions, command posts, and individual fighting positions) for units throughout the entire theater of operations. Crew survivability will be addressed in accordance with the Army's Long Term Armor Strategy (LTAS). The family of HMEEs supports the Future Engineer Force (FEF). The Approved Acquisition Objective is: 1,346(HMEE I: 654/HMEE III: 692).					

Exhibit P-40, Budget Item Justification Sheet		Date: <div style="text-align: right;">February 2010</div>
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 3 / Other support equipment</small>		P-1 Item Nomenclature HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) FOS (R05901)
Program Elements for Code B Items: <small>654804/H01</small>	Code: <div style="text-align: center;">A</div>	Other Related Program Elements:
<p>Justification: FY10 OCO Surge funding in the amount of \$11.765 million procures 48 HMEEs Type I to meet equipment shortfall in support of Operation Enduring Freedom (OEF). The HMEE I will replace the Small Emplacement Excavator (SEE). The SEE is less mobile, has less digging capability, and is less reliable due to its age compared to the HMEE Type I. Maintenance and parts availability are starting to become a burden to the Army. Additionally, technology improvements in ride quality, fuel consumption, on-board diagnostics, reliability/maintainability, and environmental compliance for engines will make the HMEEs safer, more Manpower Personnel Integration (MANPRINT) friendly, and environmentally compliant. The HMEEs are used for performing all Army Engineering missions: Mobility, Counter-mobility, Survivability and Sustainment; to include horizontal and vertical construction tasks, including rapid airfield construction and repair and improving the mobility of an immature infrastructure.</p>		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 3 / Other support equipment			P-1 Item Nomenclature High Mobility Engineer Excavator (HMEE) Type I (R05900)		
Program Elements for Code B Items: 654804/H01		Code: <div style="text-align: center;">B</div>	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		48		48	
Gross Cost		11.8		11.8	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		11.8		11.8	
Initial Spares					
Total Proc Cost		11.8		11.8	
Flyaway U/C					
Weapon System Proc U/C					
P-40 Breakdown					
Area		FY 2010			
Active	Qty	48			
	Gross Cost	11765.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	48			
	Gross Cost	11765			
<p>Description:</p> <p>The High Mobility Engineer Excavator Type I (HMEE I) is a non-developmental item uniquely made for the military. HMEE Type I supports the Brigade Combat Team (BCT) within the Future Engineer Force (FEF). HMEE Type I is an all wheel drive, diesel engine driven, high mobility vehicle with backhoe, bucket loader, and other attachments, that is self-deployable (no truck/trailer combination required) and is capable of driving a minimum of 40 MPH on improved roads and 25 MPH off-road, weight 30,000 pounds, and is air transportable via C-130 aircraft. The high mobility of the HMEE Type I provides an earthmoving machine capable of maintaining pace with the Army's current and future combat systems and rapid movement between battle positions. The HMEE Type I is part of the Rapid Tactical Earthmoving (RTE) force and is used for clearing rubble and debris from routes and airfields; constructing Unmanned Aerial Vehicle (UAV) forward airstrips; providing survivability positions for critical assets like C2, radar and logistics (fuel and ammunition); improving ford sites; and supporting limited Combat Support (CS) and Combat Service Support (CSS) missions in forward area of the theater. Crew survivability will be addressed in accordance with the Army's Long Term Armor Strategy (LTAS).</p> <p>The Army Acquisition Objective(AAO) is 654.</p> <p>Justification:</p>					

Exhibit P-40, Budget Item Justification Sheet		Date: February 2010
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 3 / Other support equipment		P-1 Item Nomenclature High Mobility Engineer Excavator (HMEE) Type I (R05900)
Program Elements for Code B Items: 654804/H01	Code: B	Other Related Program Elements:
<p>FY10 OCO Surge funding in the amount of \$11.765 million procures 48 HMEEs Type I to meet equipment shortfall in support of Operation Enduring Freedom (OEF). The HMEE I will replace the Small Emplacement Excavator (SEE). The SEE is less mobile, has less digging capability, and is less reliable due to its age compared to the HMEE Type I. Maintenance and parts availability are starting to become a burden to the Army. Additionally, technology improvements in ride quality, fuel consumption, on-board diagnostics, reliability/maintainability, and environmental compliance for engines will make the HMEEs safer, more Manpower Personnel Integration (MANPRINT) friendly, and environmentally compliant. The HMEEs are used for performing all Army Engineering missions: Mobility, Counter-mobility, Survivability and Sustainment; to include horizontal and vertical construction tasks, including rapid airfield construction and repair and improving the mobility of an immature infrastructure.</p>		

Exhibit P-5, Weapon OPA3 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 3 / Other support equipment	P-1 Line Item Nomenclature: High Mobility Engineer Excavator (HMEE) Type I (R05900)	Weapon System Type:	Date: February 2010		
OPA3 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Each	\$000
Hardware			B	11760	48	245
Documentation						
Program Management Support						
System Fielding Support				5		
FAT Refurbishment						
Engineering In-House						
Testing						
Training Aid						
Engineering Change Order						
Engineering Change Order						
A Kit Configuration						
B Kit Configuration						
Total:				11765		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2010	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 3/ Other support equipment			Weapon System Type:		P-1 Line Item Nomenclature: High Mobility Engineer Excavator (HMEE) Type I (R05900)						
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 2010	JCB, Inc. Pooler, GA		C/FP 5(5)	TACOM	Apr 10	May 10	48	245			
REMARKS: Firm Fixed Price five year with two (1) year options.											

[illegible]

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 3 / Other support equipment</small>			P-1 Item Nomenclature ITEMS LESS THAN \$5.0M (CONST EQUIP) (ML5350)		
Program Elements for Code B Items:		Code: <div style="text-align: center;">A</div>	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		4.1		4.1	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		4.1		4.1	
Initial Spares					
Total Proc Cost		4.1		4.1	
Flyaway U/C					
Weapon System Proc U/C	3.2			3.2	
P-40 Breakdown					
Area		FY 2010			
Active	Qty	0			
	Gross Cost	4140.0			
National Guard	Qty	0			
	Gross Cost	0.0			
Reserve	Qty	0			
	Gross Cost	0.0			
Total	Qty	0			
	Gross Cost	4140			
<p>Description: This program covers various types of Construction Equipment (CE) where the acquisition cost for each line item is below \$5.0 million. These programs provide the enhanced capabilities to the current force making them able to execute their expeditionary mission.</p> <p>1-2. Attachments for: Skid Steer Loaders, Type II and Type III; Attachments include the following: sweepers, forklift attachments, augers, rollers, compactors, picket pounders, impact breakers, four in one buckets, and snow blades. Attachments are used to provide engineer units flexibility in accomplishing mission tasks.</p> <p>3. Well Drilling Rig is a three piece system consisting of a self propelled drill rig, support/ tender truck, and a mud trailer. The system will be used to produce water where surface or commercial sources do not exist. The drill rig is a hydraulic, top-head driven unit with a telescoping mast capable of employing a standard 20 foot steel drill string to a depth of 1700 feet. The support/tender truck will have a 2500 gallon water tank, an auxiliary 500 gallon fuel tank, and a crane. The mud trailer will contain a mud mixing/cleaning system.</p> <p>Justification:</p>					

Exhibit P-40, Budget Item Justification Sheet

Date:
February 2010

Appropriation / Budget Activity / Serial No:
Other Procurement, Army / 3 / Other support equipment

P-1 Item Nomenclature
ITEMS LESS THAN \$5.0M (CONST EQUIP) (ML5350)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

FY10 OCO surge procurement funding in the amount of \$4.140 million procures various pieces of construction equipment in support of Operation Enduring Freedom (OEF).

Exhibit P-5, Weapon OPA3 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 3 / Other support equipment	P-1 Line Item Nomenclature: ITEMS LESS THAN \$5.0M (CONST EQUIP) (ML5350)	Weapon System Type:	Date: February 2010
OPA3 Cost Elements			ID CD	FY 10 Total Cost Qty Unit Cost
				\$000 Units \$000
1. Attachment SSL, Type II			B	320 20 16
2. Attachments SSL, Type III			B	336 21 16
3. Well Drilling			B	2264 1 2264
Documentation				400
System Fielding Support				600
Program Management Support				220
Total:				4140

Exhibit P-5a, Budget Procurement History and Planning									Date: February 2010		
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 3/ Other support equipment			Weapon System Type:		P-1 Line Item Nomenclature: ITEMS LESS THAN \$5.0M (CONST EQUIP) (ML5350)						
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
1. Attachment SSL, Type II FY 2010	Case New Holland Racine, WI		C/FP5(2)	TACOM	Apr 10	Jan 11	20	16			
2. Attachments SSL, Type III FY 2010	Case New Holland Racine, WI		C/FP5(3)	TACOM	Apr 10	Jul 11	21	16			
3. Well Drilling FY 2010	TBS TBD		C/FP(2)	TACOM	Apr 10	Jun 10	1	2264			
REMARKS:											

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 3 / Other support equipment</small>			P-1 Item Nomenclature <small>Rapid Equipping Soldier Support Equipment (M80101)</small>		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		124.8		124.8	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		124.8		124.8	
Initial Spares					
Total Proc Cost		124.8		124.8	
Flyaway U/C					
Weapon System Proc U/C					
<p>Description: The US Army Rapid Equipping Force (REF) was established to provide urgently needed state-of-the-art technology to soldiers in the field to meet immediate warfighter needs under operational conditions in the current theaters. The Specifically the REF is charged to: EQUIP operational commanders with off-the-shelf (government or commercial) solutions or near term developmental items that can be researched, developed and acquired quickly - ideally within 90 days. INSERT future force technology solutions that engaged and deploying forces require by developing, testing and evaluating key technologies and systems under operational conditions. ASSESS capabilities and advise Army stakeholders of findings that will enable forces to confront an adaptive enemy rapidly. For the REF, necessary material solutions can only be determined as "real time" threat modes are identified. Countermeasures to these evolving threats must be developed/purchased/modified, often within weeks, for the first cycle of spiral type responses. The REF process rapidly provides capabilities to meet immediate warfighter needs and supports efforts to mitigate asymmetric and traditional threats. A key element of this process is the provision for execution flexibility. The REF process provides the mechanism to respond rapidly to an adaptive enemy who changes in days and months, not years. The REF focuses on finding effective capabilities to counter emerging and future threats.</p> <p>Justification: FY10 OCO Surge procurement funding of \$124.895 million provides funding to support emerging requirements identified by the warfighter, to include systems providing security augmentation for greatly dispersed troops throughout theater. Forces are requesting critical enabling equipment to be in place to support the summer fighting season. REF Forward Teams in Afghanistan have worked with Combatant Commanders and Soldiers to identify warfighter needs. REF Rear is formulating solutions to rapidly fields new equipment to the deployed units.</p> <p>All funding supports Active Army.</p> <p>NOTE: (a) Equipment mix and configuration may change based on changes in operational environment and circumstances. (b) REF-Resource Management Capabilities Needs (RMCN) equipment and funding execution details will be provided in the Secretary of Army report to the Congressional Defense Committee in March and October of each year (per HAC Report #108-553, DoD APPNs Bill 2005, June 18, 2004, page 134.)</p>					

Exhibit P-5, Weapon OPA3 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 3 / Other support equipment	P-1 Line Item Nomenclature: Rapid Equipping Soldier Support Equipment (M80101)	Weapon System Type:	Date: February 2010		
OPA3 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Each	\$000
OEF Surge - OCO Requirements				124845		
OEF Surge - Emergent Requirements						
Total:				124845		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 3 / Other support equipment</small>			P-1 Item Nomenclature PHYSICAL SECURITY SYSTEMS (OPA3) (MA0780)		
Program Elements for Code B Items:		Code:	Other Related Program Elements: <small>AN/PRS-9 M01110 and AN/GAR-2 (M02004)</small>		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		197.5		197.5	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		197.5		197.5	
Initial Spares					
Total Proc Cost		197.5		197.5	
Flyaway U/C					
Weapon System Proc U/C					
<p>Description: Physical Security Systems protect vulnerable critical assets and infrastructure from determined, highly motivated, and skilled intruders. Physical Security Systems include the Standard Intrusion Detection Systems (SIDS) (MA0781), the Commercial Intrusion Detection System (CIDS) (MA0782), and Other Physical Security Measures Equipment (MA0783). SIDS includes the Integrated Commercial Intrusion Detection System (ICIDS) and the Mobile Detection Assessment Response System (MDARS). Other Physical Security Measures Equipment includes the Automated Installation Entry (AIE) and other efforts consistent with Office of Provost Marshal General (OPMG) security measures. This item also includes the Lighting Kit Motion Detector (LKMD) (M02004) which provides enhanced force protection via early warning of intruder activity.</p> <p>The program goal is to provide enhanced security to units, installations, and facilities. The physical security/force protection programs minimize risks and vulnerabilities by providing Commanders with the appropriate levels of protection through the use of available technology to safeguard personnel and Army assets. By increasing protection to personnel, facilities and equipment, the program supports unit readiness and deployment by reducing the vulnerability of units and installations to intruder and terrorist threats.</p> <p>Justification: FY10 OCO procurement funding in the amount of \$197.508 million is a surge request that procures 54 X-ray vehicle/cargo scanners, 26 higher energy vehicle/cargo scanners and 211 personnel scanners. All funding supports Active Component.</p>					

Exhibit P-5, Weapon OPA3 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 3 / Other support equipment	P-1 Line Item Nomenclature: PHYSICAL SECURITY SYSTEMS (OPA3) (MA0780)	Weapon System Type:	Date: February 2010		
OPA3 Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Each	\$000
Standardized Intrusion Detection Systems			A	197508		
Commercial Intrusion Detection Systems			A			
Other Physical Security Measures Equip			A			
Lighting Kit, Motion Detector AN/AGR-2			A			
Total:				197508		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: <small>Other Procurement, Army / 3 / Other support equipment</small>			P-1 Item Nomenclature <small>Other Physical Security Measures Equip (MA0783)</small>		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years		FY 2010	To Complete	Total Prog
Proc Qty					
Gross Cost			197.5		197.5
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1			197.5		197.5
Initial Spares					
Total Proc Cost			197.5		197.5
Flyaway U/C					
Weapon System Proc U/C					
<p>Description: Entry Control Point (ECP) equipment allows the warfighter to safely and efficiently control the flow of personnel, vehicles and cargo into the Forward Operating Bases (FOBs). ECP equipment provides US and coalition personnel protection from Vehicle-Borne/Personnel-Borne Improvised Explosive Device (VB/PEIED) blasts through efficient ECP design and remoted inspection, detection and traffic control capabilities. It is a force multiplier that maximizes protection of personnel, equipment, and installations while minimizing security manpower requirements.</p> <p>Justification: FY10 OCO procurement funding in the amount of \$197.508 million is a surge request that procures 54 X-ray vehicle/cargo scanners, 26 higher energy vehicle/cargo scanners and 211 personnel scanners. All funding supports Active Component.</p>					

Exhibit P-5, Weapon OPA3 Cost Analysis		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 3 / Other support equipment	P-1 Line Item Nomenclature: Other Physical Security Measures Equip (MA0783)	Weapon System Type:	Date: February 2010		
OPA3 Cost Elements				ID	FY 10		
				CD	Total Cost	Qty	Unit Cost
					\$000	Units	\$000
Emergent Requirements				A	191508	291	658
Program Management					500		
Seta Support					2500		
Fielding					3000		
Total:					197508		658

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2010	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 3/ Other support equipment			Weapon System Type:		P-1 Line Item Nomenclature: Other Physical Security Measures Equip (MA0783)						
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
Emergent Requirements FY 2010	TBD TBD		FFP	NATICK, MA	Nov 10	Apr 11	291	658	Y		
REMARKS:											

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*** UNCLASSIFIED ***
DEPARTMENT OF THE ARMY
FY 2010 FY 2010 Overseas Contingency Operations Surge
Supplemental Request

EXHIBIT P-1
DATE: 29-Jan-09

APPROPRIATION Ammunition Procurement, Army

<u>LINE NO</u>	<u>ITEM NOMENCLATURE</u>	<u>FY2010</u> <u>Total</u> <u>COST</u>
1	CTG, 5.56MM, ALL TYPES (E00700)	2,000
2	CTG, 7.62MM, ALL TYPES (E02000)	2,000
3	CTG, .50 CAL, ALL TYPES (E06903)	2,000
4	CTG, ARTY,105MM, ALL TYPES (E21101)	2,000
5	PROJ 155MM EXTENDED RANGE, XM982 (E80100)	2,055
6	ARTILLERY FUZES, ALL TYPES (ER8000)	2,000
7	ROCKET, HYDRA 70, ALL TYPES (E37300)	5,000
	<i>TOTAL</i>	<u>17,055</u>

Table of Contents - ,Procurement of Ammunition, Army

BLIN	SSN	Nomenclature	Page
001	E00700	CTG, 5.56MM, ALL TYPES	1
002	E02000	CTG, 7.62MM, ALL TYPES	5
004	E08000	CTG, .50 CAL, ALL TYPES	9
014	E21101	CTG, ARTY, 105MM ALL TYPES	13
016	E80100	PROJ 155MM EXTENDED RANGE XM982	17
018	ER8000	ARTILLERY FUZES, ALL TYPES	23
024	E37300	ROCKET, HYDRA 70, ALL TYPES	27

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Item Nomenclature CTG, 5.56MM, ALL TYPES (E00700)		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		2.0		2.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		2.0		2.0	
Initial Spares					
Total Proc Cost		2.0		2.0	
Flyaway U/C					
Weapon System Proc U/C					
<p>Description: This budget line includes 5.56MM ALL TYPES.</p> <p>Justification: FY 2010 Surge procurement dollars in the amount of \$2.000 million will procure 2.312 million cartridges.</p>					

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: CTG, 5.56MM, ALL TYPES (E00700)	Weapon System Type:	Date: February 2010		
AMMO Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Units	\$000
E84300 CTG 5.56MM W/DIM TRACER				2000	2312	0.87
Total:				2000		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: center; padding-top: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Item Nomenclature CTG 5.56MM W/DIM TRACER (E84300)		
Program Elements for Code B Items:		Code: B	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		2312		2312	
Gross Cost		2.0		2.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		2.0		2.0	
Initial Spares					
Total Proc Cost		2.0		2.0	
Flyaway U/C					
Weapon System Proc U/C					

Description:
 The cartridge 5.56mm w/Dim Tracer consists of four ball M855 cartridges and one M996 Dim Tracer cartridge linked into belts containing 200 cartridges. These cartridges are fired from the M249 Squad Automatic Weapon and primarily used against lightly armored targets. The tracer cartridge permits observation of the bullet's path to the target allowing for trajectory adjustment. The dim trace produces less light making it more difficult for enemy personnel to detect the source of the projectiles. This item is Code B, not approved for service use. Approval for service use is expected by the end of FY 2010.

Justification:
 This is a training standard item used in both training and combat. The FY 2010 Surge procurement supports pre-deployment training and builds a war reserve in accordance with the Army's procurement goals.

FY 2010 Surge procurement dollars in the amount of \$2.000 million will procure 2.312 million cartridges.

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: CTG 5.56MM W/DIM TRACER (E84300)	Weapon System Type:	Date: February 2010		
AMMO Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	x1000	\$
AMMUNITION HARDWARE						
COMPLETE ROUND				2000	2312	0.87
Sub Total AMMO Hardware				2000		
Total:				2000		0.87

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Item Nomenclature CTG, 7.62MM, ALL TYPES (E02000)		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		2.0		2.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		2.0		2.0	
Initial Spares					
Total Proc Cost		2.0		2.0	
Flyaway U/C					
Weapon System Proc U/C					
<p>Description: This budget line includes 7.62MM ALL TYPES.</p> <p>Justification: FY 2010 Surge procurement dollars in the amount of \$2.000 million will procure .893 million cartridges.</p>					

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: CTG, 7.62MM, ALL TYPES (E02000)	Weapon System Type:	Date: February 2010		
AMMO Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Units	\$000
F47500 7.62MM ARMOR PIERCING M993				2000	893	2.24
Total:				2000		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: center; margin-top: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Item Nomenclature CTG 7.62MM ARMOR PIERCING M993 (F47500)		
Program Elements for Code B Items:		Code: A	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		893		893	
Gross Cost		2.0		2.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		2.0		2.0	
Initial Spares					
Total Proc Cost		2.0		2.0	
Flyaway U/C					
Weapon System Proc U/C					
<p>Description: The 7.62mm M993 Armor Piercing (AP) cartridge is designed for use in the M240 Machine Gun and the M24 Sniper Weapon. The cartridge consists of a projectile and a propelling charge contained in a brass cartridge case to which the projectile is secured. The projectile consists of a tungsten core penetrator, which is enclosed by a metal jacket. The armor penetrating capabilities provide for a cartridge that can defeat lightly armored targets within typical medium machine gun engagement ranges. The item is Code A, approved for service use.</p> <p>Justification: This is a war reserve item used in combat. FY 2010 Surge procurement builds a war reserve inventory in accordance with the Army's procurement goals.</p> <p>FY 2010 Surge procurement dollars in the amount of \$2.000 million will procure .893 million cartridges.</p> <p>TYPE CLASSIFICATION DATE: February 1996</p>					

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: CTG 7.62MM ARMOR PIERCING M993 (F47500)	Weapon System Type:	Date: February 2010		
AMMO Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	x1000	\$
AMMUNITION HARDWARE						
LOAD, ASSEMBLE, PACK				312	893	0.35
M993 7.62MM AP PENETRATOR				1688	714	2.36
Sub Total AMMO Hardware				2000		
Total:				2000		2.24

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Item Nomenclature CTG, .50 CAL, ALL TYPES (E08000)		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		2.0		2.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		2.0		2.0	
Initial Spares					
Total Proc Cost		2.0		2.0	
Flyaway U/C					
Weapon System Proc U/C					
<p>Description: This budget line includes .50 CAL ALL TYPES.</p> <p>Justification: FY 2010 Surge procurement dollars in the amount of \$2.000 million will procure .606 million cartridges.</p>					

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: CTG, .50 CAL, ALL TYPES (E08000)	Weapon System Type:	Date: February 2010			
				FY 10			
				AMMO Cost Elements			
				ID CD	Total Cost	Qty Unit Cost	
					\$000	Units \$000	
				E06903CAL .50 LKD 4 API/1 API T/WM9 LINK	2000	606	3.30
				Total:	2000		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Item Nomenclature CTG CAL .50 Linked 4 API/ 1 API Tracer w/M9 Link (E06903)		
Program Elements for Code B Items:		Code: A	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		606		606	
Gross Cost		2.0		2.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		2.0		2.0	
Initial Spares					
Total Proc Cost		2.0		2.0	
Flyaway U/C					
Weapon System Proc U/C					
<p>Description: The .50 caliber item consists of Cartridge, Armor Piercing Incendiary (API) M8 and Cartridge, Tracer M20 linked 4-to-1 in 100-round belts with the M9 link for use in the M2 Machine Gun to defeat personnel and light armor targets. This item is Code A, approved for service use.</p> <p>Justification: This is a war reserve item used in combat. The FY 2010 Surge procurement builds a war reserve inventory in accordance with the Army's procurement goals.</p> <p>FY 2010 Surge procurement dollars in the amount of \$2.000 million will procure .606 million cartridges.</p> <p>TYPE CLASSIFICATION DATE: Mid-1940's</p>					

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: CTG CAL .50 Linked 4 API/ 1 API Tracer w/M9 Link (E06903)	Weapon System Type:	Date: February 2010		
AMMO Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	x1000	\$
AMMUNITION HARDWARE						
LOAD, ASSEMBLE, PACK				1931	606	3.19
BOX METAL M2A1				69	6	11.10
Sub Total AMMO Hardware				2000		
Total:				2000		3.30

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Item Nomenclature CTG, ARTY, 105MM: ALL TYPES (E21101)		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		2.0		2.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		2.0		2.0	
Initial Spares					
Total Proc Cost		2.0		2.0	
Flyaway U/C					
Weapon System Proc U/C					
<p>Description: This budget line includes Cartridges, Artillery, 105mm, All Types.</p> <p>Justification: FY 2010 Surge procurement dollars in the amount of \$2.000 million will procure 680 variants of 105mm M1130 HE cartridge.</p>					

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: CTG, ARTY, 105MM: ALL TYPES (E21101)	Weapon System Type:	Date: February 2010		
AMMO Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Each	\$000
E21601 105MM HE-BB PFF M1130				2000	680	3
Total:				2000		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Item Nomenclature CARTRIDGE, 105mm, HE-BB PFF, M1130 (E21601)		
Program Elements for Code B Items:		Code: <div style="text-align: center;">A</div>	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		1		1	
Gross Cost		2.0		2.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		2.0		2.0	
Initial Spares					
Total Proc Cost		2.0		2.0	
Flyaway U/C					
Weapon System Proc U/C					
<p>Description: The 105mm M1130 HE cartridge contains a High Explosive (HE) fill and is used in combat operations for missions that are fired at long range and high quadrant elevation. Firing rounds at high quadrant elevation is required to engage targets beyond the tall crests of mountainous terrain. The M1130 is the Army's only long range round that can be fired at high quadrant elevation. The M1130 is composed of the M14B4 Cartridge Case, M28 Percussion Primer, Propelling Charge, a nose fuze and a multi-piece fragmenting projectile. This item is Code A, approved for service use.</p> <p>Justification: This is a war reserve item. FY 2010 Surge procurement builds a war reserve inventory in accordance with the Army's procurement goals.</p> <p>FY 2010 Surge procurement dollars in the amount of \$2.000 million will procure 680 variants of 105mm M1130 HE cartridge.</p> <p>TYPE CLASSIFICATION DATE: December 2008</p>					

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: CARTRIDGE, 105mm, HE-BB PFF, M1130 (E21601)	Weapon System Type:	Date: February 2010		
AMMO Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Each	\$000
AMMUNITION HARDWARE						
Complete Round				1880	680	3
SubTotal AMMO Hardware				1880		
Production Support Costs						
Acceptance Testing				120		
SubTotal Prod. Support				120		
Total:				2000		3

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Item Nomenclature PROJ 155MM EXTENDED RANGE XM982 (E80100)		
Program Elements for Code B Items:		Code:	Other Related Program Elements: 0604814A		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		20		20	
Gross Cost		2.1		2.1	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		2.1		2.1	
Initial Spares					
Total Proc Cost		2.1		2.1	
Flyaway U/C					
Weapon System Proc U/C		0.1		0.1	
<p>Description: This budget line item includes the Excalibur family of munitions for the use in the Lightweight 155mm, and the M109A6 Paladin.</p> <p>Justification: This is a war reserve item. FY 2010 Surge procurement builds a war reserve inventory in accordance with the Army's procurement goals.</p> <p>FY 2010 Surge procurement dollars in the amount of \$2.055 million will procure 20 rounds.</p>					

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: PROJ 155MM EXTENDED RANGE XM982 (E80100)	Weapon System Type:	Date: February 2010					
				FY 10					
				AMMO Cost Elements		ID CD	Total Cost	Qty	Unit Cost
							\$000	Units	\$000
				Proj 155MM Extend Rng: XM982-U Excalibur		da45	2055	20	103
				Total:			2055		103

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Item Nomenclature PROJ 155MM EXTENDED RANGE: XM982-U EXCALIBUR (E80103)		
Program Elements for Code B Items:		Code: <div style="text-align: center;">B</div>	Other Related Program Elements: 0604814A		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		20		20	
Gross Cost		2.1		2.1	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		2.1		2.1	
Initial Spares					
Total Proc Cost		2.1		2.1	
Flyaway U/C					
Weapon System Proc U/C		0.1		0.1	
<p>Description: Excalibur provides improved fire support through a Precision Guided Extended Range family of munitions with greatly increased accuracy and reduced collateral damage. The Excalibur is compatible with the M777A2 Lightweight 155mm Howitzer (LW155) and the M109A6 Paladin Howitzer. Excalibur provides a 33% range increase over current Rocket Assisted Projectiles with a 10 meter circular error probable at all ranges, and is also highly resistant to GPS jamming. This item is Code B, not approved for service use.</p> <p>Justification: Excalibur is an international program, teamed with the Kingdom of Sweden (KoS), which contributes resources towards the development in accordance with an established Project Agreement. The Excalibur guided projectile program is using an incremental development approach to provide a combat capability to the Soldier as quickly as possible and to deliver advanced capabilities at lower costs as technology continues to mature and additional cost-reduction opportunities are developed. Increment 1a-1 has been fielded to units in Iraq and Afghanistan in response to urgent need requests in support of Operation Iraqi Freedom and Enduring Freedom. Increment 1a-2 will be delivered in FY 2010 and will greatly increase range to LW155 and Paladin. Increment 1b is a follow on the Artillery Precision development effort which will provide further performance improvements while significantly lowering unit costs.</p> <p>This is a war reserve item. FY 2010 Surge procurement builds a war reserve inventory in accordance with the Army's procurement goals. FY 2010 Surge procurement dollars in the amount of \$2.055 million will procure 20 rounds.</p> <p>TYPE CLASSIFICATION: TC Urgent Material Release: Increment 1a-1 April 2007 Full Material Release: Increment 1a-2 June 2010</p>					

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: PROJ 155MM EXTENDED RANGE: XM982-U EXCALIBUR (E80103)	Weapon System Type:	Date: February 2010		
AMMO Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Units	\$000
AMMUNITION HARDWARE			da4			
Complete Round				1960	20	98
Container System				20	20	1
SubTotal AMMO Hardware				1980		
PRODUCTION SUPPORT COSTS						
Production Engineering				75		
SubTotal Prod. Support				75		
Total:				2055		103

Exhibit P-5a, Budget Procurement History and Planning									Date: February 2010		
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: PROJ 155MM EXTENDED RANGE: XM982-U EXCALIBUR (E80103)						
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
Complete Round FY 2010	Raytheon Tucson, AZ		SS/Option	ARDEC, Picatinny, NJ	Jun 10	May 11	20	98	Y		
Container System FY 2010	Conco Louisville, KY		SS/Option	ARDEC, Picatinny, NJ	Jun 10	Apr 11	20	1	Y		
REMARKS:											

BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE PROJ 155MM EXTENDED RANGE: XM982-U EXCALIBUR (E80103)	Date: February 2010
No data to display...		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Item Nomenclature ARTILLERY FUZES, ALL TYPES (ER8000)		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		2.0		2.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		2.0		2.0	
Initial Spares					
Total Proc Cost		2.0		2.0	
Flyaway U/C					
Weapon System Proc U/C					
<p>Description: This budget line includes Artillery Fuzes, All Types.</p> <p>Justification: FY 2010 Surge procurement dollars in the amount of \$2.000 million will procure 560 variants of MOFA.</p>					

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: ARTILLERY FUZES, ALL TYPES (ER8000)	Weapon System Type:	Date: February 2010		
AMMO Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	Each	\$000
E99909 Multi-option Fuze, M782				2000	560	3.6
Total:				2000		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Item Nomenclature Multi-Option Fuze, Artillery M782 (E99909)		
Program Elements for Code B Items:		Code: <div style="text-align: center;">A</div>	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		560		560	
Gross Cost		2.0		2.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		2.0		2.0	
Initial Spares					
Total Proc Cost		2.0		2.0	
Flyaway U/C					
Weapon System Proc U/C		0.0		0.0	
<p>Description: The Multi Ortion Fuze for Artillery (MOFA) is compatible with all bursting ammunition fired from all 105mm and 155mm cannon systems including M109A6 (Paladin), M198 Towed Howitzer, and XM777 Lightweight Towed Howitzer. The MOFA provides proximity, precision time, delay and impact functions in a single fuze. The inductive fuze set feature optimizes MOFA for use with automated ammunition handling equipment. The MOFA combines proven subassemblies such as the safe and arm device with modern reserve batteries and Monolithic Millimeter/Microwave Integrated Circuit technology to affordably achieve enhanced performance, producibility and safety. This item is Code A, approved for service use.</p> <p>Justification: This is a training standard item used in both training and combat. The FY 2010 Surge procurement builds a war reserve inventory in accordance with the Army's procurement goals</p> <p>FY 2010 Surge procurement dollars in the amount of \$2.000 million will procure 560 variants of MOFA.</p> <p>TYPE CLASSIFICATION: 1QFY99</p>					

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: Multi-Option Fuze, Artillery M782 (E99909)	Weapon System Type:	Date: February 2010
AMMO Cost Elements			ID CD	FY 10 Total Cost Qty Unit Cost
				\$000 Each \$000
AMMUNITION HARDWARE				
M782 Complete Fuze				281 560 0.5
SubTotal AMMO Hardware				281
Production Support Costs				
Production Engineering				349
Acceptance Testing				420
SubTotal Prod. Support				769
COST - Nonrecurring				
ASIC Obsolesence & Producibilty Effort				950
SubTotal COST - Nonrecurring				950
Total:				2000 3.6

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Item Nomenclature ROCKET, HYDRA 70, ALL TYPES (E37300)		
Program Elements for Code B Items:		Code: <div style="text-align: center;">A</div>	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		6		6	
Gross Cost		5.0		5.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		5.0		5.0	
Initial Spares					
Total Proc Cost		5.0		5.0	
Flyaway U/C					
Weapon System Proc U/C		0.8		0.8	
<p>Description: This budget line procures all Hydra 70 rocket types in support of operational, training and war reserve requirements. The system provides combat overmatch capability and ensures a near-term war fighting readiness posture. This system of aerial rockets is used by Army aircraft (AH-64A/D Apache, OH-58D Kiowa Warrior, and Special Operations aircraft) to perform a number of roles including anti-materiel, anti-personnel, air-to-ground suppression and illumination. This budget line also funds efforts to address compliance to insensitive munitions requirements and identified safety, reliability and producibility issues.</p> <p>Justification: FY2010 Surge procurement dollars in the amount of \$5.000 million will procure 5,870 Hydra 70 rockets.</p> <p>The Hydra production contract includes three pricing matrices for unit prices that depend upon the cumulative quantity of all Hydra variants.</p>					

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: ROCKET, HYDRA 70, ALL TYPES (E37300)	Weapon System Type:	Date: February 2010		
AMMO Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	x1000	\$
E05302 ROCKET HYDRA 70 FLECHETTE M255A1			HA1	5000	6	833
E37335 ROCKET HYDRA 70 HE/PD M151/M423						
E37337 ROCKET HYDRA 70 SIG PRAC M274						
E37338 ROCKET HYDRA 70, FLARE IR M278						
E52200 ROCKET HYDRA 70 ILLUM M257						
Total:				5000		

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Item Nomenclature ROCKET HYDRA 70 HE/PD M151/M423 (E37335)		
Program Elements for Code B Items:		Code: <div style="text-align: center;">A</div>	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty		6		6	
Gross Cost		5.0		5.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		5.0		5.0	
Initial Spares					
Total Proc Cost		5.0		5.0	
Flyaway U/C					
Weapon System Proc U/C		0.8		0.8	
<p>Description: The HYDRA-70 family of rockets is used by Army aircraft (AH-64A/D Apache, OH-58D Kiowa Warrior helicopters, and Special Operations aircraft) to perform a number of roles including anti-materiel, anti-personnel, air-to-ground suppression and illumination. The M151 HEPD is a unitary fragmenting 10-lb anti-personnel warhead with the M423 Point Detonating Fuze. Upon detonation, the warhead fragments into thousands of small, high velocity fragments. The M151 warhead is combined with the Mk66 rocket motor to complete the all up round. This item is Code A, approved for service use. This budget line also funds efforts to address compliance to insensitive munitions requirements and identified safety, reliability and producibility issues with the Mk66 Rocket Motor, shipping and storage container, warhead, and fuse. This item is Code A, approved for service use.</p> <p>Justification: This is a training standard item used in both training and combat. FY2010 Surge procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals.</p> <p>FY2010 Surge procurement dollars in the amount of \$5.000 million will procure 5,870 rockets.</p> <p>The Hydra production contract includes three pricing matrices for unit prices that depend upon the cumulative quantity of all Hydra variants.</p>					

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: ROCKET HYDRA 70 HE/PD M151/M423 (E37335)	Weapon System Type:	Date: February 2010		
AMMO Cost Elements			ID	FY 10		
			CD	Total Cost	Qty	Unit Cost
				\$000	x1000	\$
AMMUNITION HARDWARE			HA1			
Complete Round				5000	6	833
Containers						
SubTotal AMMO Hardware				5000		
Production Support Costs						
Production Engineering						
SubTotal Prod. Support						
Total:				5000		833

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2010	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: ROCKET HYDRA 70 HE/PD M151/M423 (E37335)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Complete Round FY 2010 SURGE	General Dynamics Burlington, VT		SS/FP	AMCOM, Redstone Arsenal, AL	Feb 10	Aug 11	6	833	Y		Dec 08
REMARKS: Sole Source/Fixed Price (SS/FP)											

[illegible]

FY 12 / 13 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE ROCKET HYDRA 70 HE/PD M151/M423 (E37335)												Date: February 2010											
COST ELEMENTS						Fiscal Year 12										Fiscal Year 13														Later			
MFR	FY	SERV	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 12												Calendar Year 13												
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP				
Complete Round																																	
1	FY 10	A	5.9	2.0	3.9	1.0	1.0	1.0	0.9																				0.0				
																													</				

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Table of Contents - Procurement of W&TCV, Army

BLIN	SSN	Nomenclature	Page
047	GZ2801	M14 7.62 RIFLE MODS	1

Alphabetic Listing - Procurement of W&TCV, Army

Nomenclature (BLIN - SSN)	Page
M14 7.62 RIFLE MODS (047 - GZ2801)	1

Exhibit P-1M, Procurement Programs - Modification Summary

<u>System/Modification</u>	<u>Prior Yrs.</u>	<u>2010</u>	<u>To Complete</u>	<u>Total Program</u>
M14 7.62 RIFLE MODS (GZ2801)				
EBR Kit		3.0		4.3
Total		3.0		4.3
 Grand Total		 3.0		 4.3

Exhibit P-40, Budget Item Justification Sheet				Date: <div style="text-align: right; padding-right: 10px;">February 2010</div>	
Appropriation / Budget Activity / Serial No: Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles			P-1 Item Nomenclature M14 7.62 RIFLE MODS (GZ2801)		
Program Elements for Code B Items:		Code:	Other Related Program Elements:		
	Prior Years	FY 2010	To Complete	Total Prog	
Proc Qty					
Gross Cost		3.0		3.0	
Less PY Adv Proc					
Plus CY Adv Proc					
Net Proc P1		3.0		3.0	
Initial Spares					
Total Proc Cost		3.0		3.0	
Flyaway U/C					
Weapon System Proc U/C					
<p>Description: The M14 Rifle Modification Program provides a modified M14 Rifle with items that enhance the Soldier's target engagement. These items include Combat Optics, Laser Filter Unit Kits, Cleaning Kits, Bipods, Mark 4 Sights, Improved Buttstocks and other ancillary items that support the M14 Enhanced Battle Rifle (EBR). The M14 EBR provides units with a weapon system to engage targets to 800 meters.</p> <p>Justification: FY10 Surge procurement dollars in the amount of \$ 3.0 Million supports the active army purchasing 1200 M14 Enhanced Battle Rifle (EBR) to execute the surge by replacing battle losses, generating and protecting forces and enhancing military capabilities. The M14 EBR provides units with a weapon system to engage targets to 800 meters.</p>					

Exhibit P-40M, Budget Item Justification Sheet					Date: February 2010	
Appropriation / Budget Activity / Serial No: Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles				P-1 Item Nomenclature M14 7.62 RIFLE MODS (GZ2801)		
Appropriation / Budget Activity / Serial No:				P-1 Item Nomenclature		
Program Elements for Code B Items:				Code:		Other Related Program Elements:
Description		Fiscal Years				
OSIP No.	Classification	Prior Yrs.	FY 2010	TC	Total	
EBR Kit						
TBD	Operational	0.0	3.0	0.0	3.0	
Totals		0.0	3.0	0.0	3.0	

INDIVIDUAL MODIFICATION																		Date: February 2010			
MODIFICATION TITLE: EBR Kit [MOD 1] TBD																					
MODELS OF SYSTEM AFFECTED:																					
DESCRIPTION / JUSTIFICATION: The M14 Enhanced Battle Rifle provides a Combat Optic, Laser Filter Unit Kit, Cleaning Kit, Bipod, Mark 4 Sight, Improved Buttstock and other ancillary items that support the M14 Enhanced Battle Rifle (EBR).																					
DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S): First Unit Equipped 3Q08																					
Installation Schedule																					
Pr Yr Totals		FY 2009				FY 2010				FY 2011				FY 2012				FY 2013			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
FY 2014				FY 2015				FY 2016				FY 2017				To		Totals			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete					
METHOD OF IMPLEMENTATION: TACOM, Rock ADMINISTRATIVE LEADTIME: 6 months PRODUCTION LEADTIME: 4 months Island Contract Dates: FY 2010 - APR 10 FY 2011 - FY 2012 - Delivery Dates: FY 2010 - JUL 10 FY 2011 - FY 2012 -																					

INDIVIDUAL MODIFICATION

Date: February 2010

MODIFICATION TITLE (cont): EBR Kit [MOD 1] TBD

FINANCIAL PLAN: (\$ in Millions)

	Prior Yrs.		2010		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E								
Procurement								
Hardware								
Surge Hardware			1200	2.9			1200	2.9
Eng Sppt, Transp, Fielding,				0.1				0.1
Traing								
Installation of Hardware								
FY 2008 & Prior Equip -- Kits								
FY 2009 -- Kits								
FY 2010 Equip -- Kits								
FY 2011 Equip -- Kits								
FY 2012 Equip -- Kits								
FY 2013 Equip -- Kits								
FY 2014 Equip -- Kits								
FY 2015 Equip -- Kits								
TC Equip- Kits								
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		3.0		0.0		3.0

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5 - System Development and Demonstration			
076	0604270A	Electronic Warfare Development.....	1

Alphabetic Listing - RDT&E Volume II

Program Element Title (Line No. - PE)	Page
Electronic Warfare Development (076 - 0604270A)	1

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

February 2010

BUDGET ACTIVITY

5 - System Development and Demonstration

PE NUMBER AND TITLE

0604270A - Electronic Warfare Development

COST (In Thousands)	Base FY 2010 Estimate	OCO FY 2010 Estimate	Total FY 2010 Estimate	Cost to Complete	Total Cost
0604270A Electronic Warfare Development		61962	61962		61962

Program Element Note: Not applicable for this item.

A. Mission Description and Budget Item Justification: FY 10 Overseas Contingency Operations (OCO) Surge Request will provide funding for development of advanced ISR technologies to rapidly infuse technologies into existing and emerging capabilities. This is a part of the joint OSD ISR Task Force efforts. Further information may be obtained through the classified OUSD(I) submission highlighting the FY10 Supplemental Request.

B. Program Change Summary	Base FY 2010	OCO FY 2010	Total FY 2010
Previous President's Budget (FY 2010)	191953	144760	219627
Current BES/President's Budget (FY 2010)		61962	61962
Total Adjustments	-191953	-82798	-157665
Congressional Program Reductions			
Congressional Program Rescissions			
Congressional Increases		61962	61962
Total Reprogrammings			
Internal or Prior Approval Reprogrammings			
Below Threshold Reprogrammings			
SBIR/STTR Transfer			
Adjustments to Budget Years			

Change Summary Explanation: Funding - FY 2010: Funding - FY 10: Anticipated increase for for Overseas Contingency Operations efforts.

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)						February 2010		
BUDGET ACTIVITY 5 - System Development and Demonstration			PE NUMBER AND TITLE 0604270A - Electronic Warfare Development				PROJECT L16	
COST (In Thousands)		Base FY 2010 Estimate	OCO FY 2010 Estimate	Total FY 2010 Estimate	Cost to Complete	Total Cost		
L16 TROJAN DEVELOPMENT (MIP)			61962	61962		61962		
<u>Program Element Note:</u> Not applicable for this item.								
<u>A. Mission Description and Budget Item Justification:</u> FY 10 Overseas Contingency Operations (OCO) Surge Request will provide funding for development of advanced ISR technologies to rapidly infuse technologies into existing and emerging capabilities. This is a part of the joint OSD ISR Task Force efforts. Further information may be obtained through the classified OUSD(I) submission highlighting the FY10 Supplemental Request.								
<u>Accomplishments/Planned Program:</u>			<u>Base</u> <u>FY 2010</u>	<u>OCO</u> <u>FY 2010</u>	<u>Total FY 2010</u>			
FY 10 OCO Surge Request: Development of advanced ISR technologies				61962	61962			
Total				61962	61962			

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)		February 2010
BUDGET ACTIVITY 5 - System Development and Demonstration	PE NUMBER AND TITLE 0604270A - Electronic Warfare Development	PROJECT L16
B. Other Program Funding Summary Not applicable for this item.		
C. Acquisition Strategy Not applicable for this item.		

ARMY RDT&E COST ANALYSIS (R3)								February 2010			
BUDGET ACTIVITY			PE NUMBER AND TITLE						PROJECT		
5 - System Development and Demonstration			0604270A - Electronic Warfare Development						L16		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2010 Base Cost	FY 2010 Base Award Date	FY 2010 OCO Cost	FY 2010 OCO Award Date	FY 2010 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
FY 10 OCO Surge Request: Development of advanced ISR technologies	TBD	TBD				61962	1-4Q	61962	Cont.	Cont.	Cont.
Subtotal:						61962		61962	Cont.	Cont.	Cont.
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2010 Base Cost	FY 2010 Base Award Date	FY 2010 OCO Cost	FY 2010 OCO Award Date	FY 2010 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:											
III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2010 Base Cost	FY 2010 Base Award Date	FY 2010 OCO Cost	FY 2010 OCO Award Date	FY 2010 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:											
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2010 Base Cost	FY 2010 Base Award Date	FY 2010 OCO Cost	FY 2010 OCO Award Date	FY 2010 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:											
Project Total Cost:						61962		61962	Cont.	Cont.	Cont.