

DEPARTMENT OF THE ARMY

Procurement Programs



Committee Staff Procurement Backup Book
Fiscal Year (FY) 2009 Overseas Contingency Operations Supplemental Request

PROCUREMENT OF AMMUNITION, ARMY

APPROPRIATION

March 2009

UNCLASSIFIED
DEPARTMENT OF THE ARMY

FY 2009 PROCUREMENT PROGRAM
FY 2009 OCO Supplemental Request

APPROPRIATION SUMMARY

APPROPRIATION: Procurement of Ammunition, Army ACTIVITY: 01 Ammunition

LINE NO	LINE NOMENCLATURE	ID	DOLLARS IN THOUSANDS		REMAINING
			FY09 OCO	ENACTED BRIDGE	
<i>**SMALL/MEDIUM CALIBER AMMUNITION**</i>					
1	CTG, 5.56MM, ALL TYPES (E00700)	A	3,000		3,000
2	CTG, 7.62MM, ALL TYPES (E02000)	A	8,600		8,600
4	CTG, .50 CAL, ALL TYPES (E08000)	A	56,600		56,600
7	CTG, 30MM, ALL TYPES (ER8120)	A	10,000		10,000
8	CTG, 40MM, ALL TYPES (ER8001)	A	25,750		25,750
	<i>SUB-ACTIVITY TOTAL</i>		103,950		103,950
<i>**ARTILLERY AMMUNITION**</i>					
17	PROJ 155MM EXTENDED RANGE XM982 (E80100)	B	35,000		35,000
18	MODULAR ARTILLERY CHARGE SYSTEM (MACS) (E27501)	A	20,000		20,000
	<i>SUB-ACTIVITY TOTAL</i>		55,000		55,000
<i>**ROCKETS**</i>					
23	SHOULDER FIRED ROCKETS, ALL TYPES (EA4000)	A	20,000		20,000
24	ROCKET, HYDRA 70, ALL TYPES (E34000)	A	26,000		26,000
	<i>SUB-ACTIVITY TOTAL</i>		46,000		46,000

UNCLASSIFIED
DEPARTMENT OF THE ARMY

FY 2009 PROCUREMENT PROGRAM
FY 2009 OCO Supplemental Request

APPROPRIATION SUMMARY

APPROPRIATION: Procurement of Ammunition, Army ACTIVITY: 01 Ammunition

LINE NO	LINE NOMENCLATURE	ID	DOLLARS IN THOUSANDS		REMAINING
			FY09 OCO	ENACTED BRIDGE	
	OTHER AMMUNITION				
25	DEMOLITION MUNITIONS, ALL TYPES (E55400)	A	525		525
26	GRENADES, ALL TYPES (E34000)	A	10,000		10,000
28	SIMULATORS, ALL TYPES (E51200)	A	3,000		3,000
	<i>SUB-ACTIVITY TOTAL</i>		<hr/> 13,525		13,525
	MISCELLANEOUS				
30	NON-LETHAL AMMUNITION, ALL TYPES (E91901)	B	48,300	46,500	1,800
	<i>SUB-ACTIVITY TOTAL</i>		<hr/> 48,300	46,500	1,800
	ACTIVITY TOTAL		266,775	46,500	220,275
APPROPRIATION: Procurement of Ammunition, Army ACTIVITY: 02 Ammunition Production Base Support					
	PRODUCT BASE SUPPORT				
39	CONVENTIONAL MUNITIONS DEMILITARIZATIONS, ALL TYPES (EP1700)		9,800		9,800
	<i>SUB-ACTIVITY TOTAL</i>		<hr/> 9,800		9,800
	ACTIVITY TOTAL		9,800		
	APPROPRIATION TOTAL		276,575	46,500	230,075

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	8
004	E08000	CTG, .50 CAL, ALL TYPES	15
007	ER8120	CTG, 30MM, ALL TYPES	31
008	ER8001	CTG, 40MM, ALL TYPES	37
017	E80100	PROJ 155MM EXTENDED RANGE XM982	49
018	E27501	Modular Artillery Charge System (MACS), All Types	56
023	EA4000	SHOULDER LAUNCHED MUNITIONS, ALL TYPES	63
024	E37300	ROCKET, HYDRA 70, ALL TYPES	73
025	E55400	DEMOLITION MUNITIONS, ALL TYPES	85
026	E34000	GRENADES, ALL TYPES	91
028	E51200	SIMULATORS, ALL TYPES	102
030	E91901	Non-Lethal Ammunition, All Types	109
039	EP1700	Conventional Munitions Demilitarization, All Types	117

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</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 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	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																														
Description: This budget line includes 5.56MM ALL TYPES. <div style="margin-top: 20px;"> <table style="width: 100%; border: none;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;">OIF</td> <td style="width: 20%; text-align: center;">OEF</td> <td style="width: 20%; text-align: center;">Total</td> <td style="width: 20%;"></td> </tr> <tr> <td>FY 2009 OCO Requirement:</td> <td style="text-align: right;">\$1.800 Million</td> <td style="text-align: right;">\$1.200 Million</td> <td style="text-align: right;">\$3.000 Million</td> <td></td> </tr> <tr> <td>FY 2009 Bridge Enacted**:</td> <td style="text-align: right;">\$0.000 Million</td> <td style="text-align: right;">\$0.000 Million</td> <td style="text-align: right;">\$0.00 Million</td> <td></td> </tr> <tr> <td>FY 2009 Remaining OCO Request:</td> <td style="text-align: right;">\$1.800 Million</td> <td style="text-align: right;">\$1.200 Million</td> <td style="text-align: right;">\$3.000 Million</td> <td></td> </tr> </table> </div>												OIF	OEF	Total		FY 2009 OCO Requirement:	\$1.800 Million	\$1.200 Million	\$3.000 Million		FY 2009 Bridge Enacted**:	\$0.000 Million	\$0.000 Million	\$0.00 Million		FY 2009 Remaining OCO Request:	\$1.800 Million	\$1.200 Million	\$3.000 Million	
	OIF	OEF	Total																											
FY 2009 OCO Requirement:	\$1.800 Million	\$1.200 Million	\$3.000 Million																											
FY 2009 Bridge Enacted**:	\$0.000 Million	\$0.000 Million	\$0.00 Million																											
FY 2009 Remaining OCO Request:	\$1.800 Million	\$1.200 Million	\$3.000 Million																											

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: March 2009
AMMO Cost Elements		ID	FY 07			FY 08			FY 09	
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000
CTG 5.56MM AP, M955, SINGLE ROUND									3000	1928
Total:									3000	1.56

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature CTG, 5.56MM AP, M995 SINGLE ROUND (F51001)					
Program Elements for Code B Items:			Code: <div style="text-align: center;">A</div>		Other Related Program Elements:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				1928						1928
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 M995 5.56mm Armor Piercing Cartridge consists of a tungsten carbide penetrator in a jacketed projectile, a brass cartridge case and propelling charge. The tungsten core penetrator provides penetration greater than a typical ball projectile and is capable of defeating lightly armored vehicles. The single round configuration is used in the M4 Carbine and M16 Rifle. This item is Code A, approved for service use.</p> <p>Justification: This is a war reserve item used in combat. FY 2009 OCO procurement builds a war reserve inventory in accordance with the Army's procurement goals.</p> <p>FY 2009 Overseas Contingency Operations (OCO) request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2009 OCO (\$3.0 million) procures an additional 1.928 million cartridges. This requirement is based on operational expenditures and supports approved Army ammunition warfighter requirements.</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, 5.56MM AP, M995 SINGLE ROUND (F51001)			Weapon System Type:		Date: March 2009	
AMMO Cost Elements		ID CD	FY 07 Total CostQtyUnit Cost			FY 08 Total CostQtyUnit Cost			FY 09 Total CostQtyUnit Cost		
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2009 OCO HARDWARE											
LOAD, ASSEMBLE AND PACK									157	1928	0.08
M995 5.56MM ARMOR PIERCING PENETRATOR									2637	1928	1.37
BOX METAL M2A1									26	2	11.18
H/W SUBTOTAL									2820		
PRODUCTION SUPPORT											
PRODUCTION ENGINEERING									180		
PROD SUPPORT SUBTOTAL									180		
Total:									3000		1.56

Exhibit P-5a, Budget Procurement History and Planning										Date: March 2009	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: CTG, 5.56MM AP, M995 SINGLE ROUND (F51001)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2009 OCO HARDWARE LOAD, ASSEMBLE AND PACK FY 2009	TO BE SELECTED		OTHER	ROCK ISLAND, IL	Aug 09	Jun 10	1928	0.08	Y		
M995 5.56MM ARMOR PIERCING PENETRATOR FY 2009	NORDIC AMMUNITION CO/NAMMO KARLSBORG, SWEDEN		SS/OPT	ROCK ISLAND, IL	Aug 09	May 10	1928	1.37	Y		
BOX METAL M2A1 FY 2009	BWAY CORPORATION ATLANTA, GA		C/OPT	ROCK ISLAND, IL	Aug 09	Mar 10	2	11.18	Y		
REMARKS: OTHER - COMPETITION STRATEGY IS BEING FINALIZED.											

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</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 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog																				
Proc Qty																														
Gross Cost				8.6						8.6																				
Less PY Adv Proc																														
Plus CY Adv Proc																														
Net Proc P1				8.6						8.6																				
Initial Spares																														
Total Proc Cost				8.6						8.6																				
Flyaway U/C																														
Weapon System Proc U/C																														
<p>Description: This budget line includes 7.62MM ALL TYPES.</p> <table style="width: 100%; margin-top: 20px;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: right;">OIF</td> <td style="width: 20%; text-align: right;">OEF</td> <td style="width: 20%; text-align: right;">Total</td> <td style="width: 20%;"></td> </tr> <tr> <td>FY 2009 OCO Requirement:</td> <td style="text-align: right;">\$5.160 Million</td> <td style="text-align: right;">\$3.4400 Million</td> <td style="text-align: right;">\$8.600 Million</td> <td></td> </tr> <tr> <td>FY 2009 Bridge Enacted**:</td> <td style="text-align: right;">\$0.000 Million</td> <td style="text-align: right;">\$0.000 Million</td> <td style="text-align: right;">\$0.00 Million</td> <td></td> </tr> <tr> <td>FY 2009 Remaining OCO Request:</td> <td style="text-align: right;">\$5.160 Million</td> <td style="text-align: right;">\$3.4400 Million</td> <td style="text-align: right;">\$8.600 Million</td> <td></td> </tr> </table> <p style="margin-top: 20px;">Justification: FY 2009 Overseas Contingency Operations (OCO) request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2009 OCO (\$8.6 million) procures an additional 5.511 million cartridges. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter requirements.</p>												OIF	OEF	Total		FY 2009 OCO Requirement:	\$5.160 Million	\$3.4400 Million	\$8.600 Million		FY 2009 Bridge Enacted**:	\$0.000 Million	\$0.000 Million	\$0.00 Million		FY 2009 Remaining OCO Request:	\$5.160 Million	\$3.4400 Million	\$8.600 Million	
	OIF	OEF	Total																											
FY 2009 OCO Requirement:	\$5.160 Million	\$3.4400 Million	\$8.600 Million																											
FY 2009 Bridge Enacted**:	\$0.000 Million	\$0.000 Million	\$0.00 Million																											
FY 2009 Remaining OCO Request:	\$5.160 Million	\$3.4400 Million	\$8.600 Million																											

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: March 2009
AMMO Cost Elements		ID	FY 07			FY 08			FY 09	
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000
CTG 7.62MM M80 BALL SINGLE RD CTN + CLIP									3000	2611
CTG 7.62MM ARMOR PIERCING M993									4000	2184
CTG 7.62MM AP M933 SINGLE ROUND									1600	716
Total:									8600	

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</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 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				2184						2184
Gross Cost				4.0						4.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				4.0						4.0
Initial Spares										
Total Proc Cost				4.0						4.0
Flyaway U/C										
Weapon System Proc U/C										
<p>Description: The M993 7.62mm 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 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: FY 2009 Overseas Contingency Operations (OCO) request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2009 OCO (\$4.0 million) procures an additional 2.184 million cartridges. This requirement is based on operational expenditures and supports approved Army ammunition warfighter requirements.</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: <div>March 2009</div>		
AMMO Cost Elements		ID CD	FY 07			FY 08			FY 09		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2009 OCO											
AMMUNITION HARDWARE											
LOAD, ASSEMBLE, PACK									597	2184	0.27
M993 7.62MM AP PENETRATOR									3403	1747	1.95
H/W SUBTOTAL									4000		
Total:									4000		1.91

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: March 2009</div> </div>											
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: CTG 7.62MM ARMOR PIERCING M993 (F47500)						
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
FY 2009 OCO LOAD, ASSEMBLE, PACK FY 2009	TO BE SELECTED		OTHER	ROCK ISLAND, IL	Aug 09	Jun 10	2184	0.27	Y		
M993 7.62MM AP PENETRATOR FY 2009	Nordic Ammo Co (NAMMO) Karlsborg, Sweden		SS/OPT	PICATINNY, NJ	Jul 09	May 10	1747	1.95	Y		
REMARKS: OTHER - COMPETITION STRATEGY IS BEING FINALIZED.											

FY 09 / 10 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE CTG 7.62MM ARMOR PIERCING M993 (F47500)										Date: March 2009															
COST ELEMENTS						Fiscal Year 09														Fiscal Year 10														Later	
M F R	FY	S E R V	PROC QTY x1Mil	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 09											Calendar Year 10															
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
LOAD, ASSEMBLE, PACK																																			
1	FY 09 OCO	A	2.18	0.00	2.18											A														0.20	0.20	0.20	0.20	1.38	
Total			2.18		2.18																										0.20	0.20	0.20	0.20	1.38
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS THIS IS A NON MATRIXED PRICED ITEM ON THE LAKE CITY CONTRACT.																			
						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																						
1	TO BE SELECTED						1.50	4.00			2	6	10	16																					

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</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 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										
Gross Cost				56.6						56.6
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				56.6						56.6
Initial Spares										
Total Proc Cost				56.6						56.6
Flyaway U/C										
Weapon System Proc U/C										
Description: This budget line includes .50 CAL ALL TYPES. <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"></div> <div style="width: 20%; text-align: center;">OIF</div> <div style="width: 20%; text-align: center;">OEF</div> <div style="width: 20%; text-align: center;">Total</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;">FY 2009 OCO Requirement:</div> <div style="width: 20%; text-align: right;">\$33.960 Million</div> <div style="width: 20%; text-align: right;">\$22.640 Million</div> <div style="width: 20%; text-align: right;">\$56.600 Million</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;">FY 2009 Bridge Enacted**:</div> <div style="width: 20%; text-align: right;">\$0.000 Million</div> <div style="width: 20%; text-align: right;">\$0.000 Million</div> <div style="width: 20%; text-align: right;">\$0.00 Million</div> <div style="width: 20%;"></div> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;">FY 2009 Remaining OCO Request:</div> <div style="width: 20%; text-align: right;">\$33.960 Million</div> <div style="width: 20%; text-align: right;">\$22.640 Million</div> <div style="width: 20%; text-align: right;">\$56.600 Million</div> <div style="width: 20%;"></div> </div>										

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: March 2009		
AMMO Cost Elements		ID	FY 07			FY 08			FY 09		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG CAL .50 LKD 4 API/1 API T/WM9 LINK									13800	4426	3.28
CTG CAL .50 4 BALL/1 TRACER W/M9 LINK									30000	11020	2.86
CTG CAL .50 SLAP M903 (SLAPT M962)									12800	1040	12.32
Total:									56600		

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</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 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				4426						4426
Gross Cost				13.8						13.8
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				13.8						13.8
Initial Spares										
Total Proc Cost				13.8						13.8
Flyaway U/C										
Weapon System Proc U/C										
<p>Description: This item consists of Cartridge, Armor Piercing Incendiary 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 light armor targets. This item is Code A, approved for service use.</p> <p>Justification: FY 2009 Overseas Contingency Operations (OCO) request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2009 OCO (\$13.8 million) procures an additional 4.426 million cartridges. This requirement is based on operational expenditures and supports approved Army ammunition warfighter requirements.</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: March 2009			
AMMO Cost Elements			ID CD	FY 07 Total CostQtyUnit Cost			FY 08 Total CostQtyUnit Cost			FY 09 Total CostQtyUnit Cost		
				\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2009 OCO HARDWARE												
LOAD, ASSEMBLE, PACK										13300	4426	3.00
BOX METAL M2A1										500	45	11.18
H/W SUBTOTAL										13800		
Total:										13800		3.28

Exhibit P-5a, Budget Procurement History and Planning										Date: March 2009	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: CTG CAL .50 Linked 4 API/ 1 API Tracer w/M9 Link (E06903)						
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
FY 2009 OCO HARDWARE LOAD, ASSEMBLE, PACK	TO BE SELECTED		OTHER	ROCK ISLAND, IL	Aug 09	May 10	2966	3.00	Y		
FY 2009	GENERAL DYNAMICS ORD & TAC SYS ST PETERSBURG, FL		SS/FP	ROCK ISLAND, IL	Aug 09	May 10	1461	3.00	Y		
BOX METAL M2A1	BWAY CORPORATION ATLANTA, GA		C/OPT	ROCK ISLAND, IL	Oct 09	Apr 10	36	11.18	Y		
FY 2009	BEST FOAM FAB CHICAGO, IL		C/OPT	ROCK ISLAND, IL	Oct 09	Apr 10	9	11.18	Y		
REMARKS: OTHER - COMPETITION STRATEGY IS BEING FINALIZED. FY 2009 LOAD, ASSEMBLE, PACK AND BOX METAL M2A1 IS AN AVERAGE UNIT COST FOR MULTIPLE PRODUCERS.											

E08000 (E06903)	Item No. 4 Page 6 of 16	Exhibit P-21
CTG CAL .50 Linked 4 API/ 1 API Tracer w/M9 Link	20	Production Schedule

E08000 (E06903)	Item No. 4 Page 7 of 16	Exhibit P-21
CTG CAL .50 Linked 4 API/ 1 API Tracer w/M9 Link	21	Production Schedule

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature CTG CAL .50 4 BALL/1 TRACER W/M9 LINK (E07200)					
Program Elements for Code B Items:			Code: A		Other Related Program Elements:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				11020						11020
Gross Cost				30.0						30.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				30.0						30.0
Initial Spares										
Total Proc Cost				30.0						30.0
Flyaway U/C										
Weapon System Proc U/C										
<p>Description: This item consists of Cartridge, Ball M33 and Cartridge, Tracer M17 linked 4-to-1 in 100-round belts with the M9 link for use in either the M2 or M3 Machine Gun. The tracer cartridge permits observation of the bullet's trajectory to the point of impact. This item is Code A, approved for service use.</p> <p>Justification: This is a training standard item used in both training and combat. FY 2009 procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals.</p> <p>FY 2009 Overseas Contingency Operations (OCO) request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2009 OCO (\$30.0 million) procures an additional 11.020 million cartridges. This requirement is based on operational expenditures and supports approved Army ammunition warfighter requirements.</p> <p>TYPE CLASSIFICATION DATE: 1968</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 4 BALL/1 TRACER W/M9 LINK (E07200)			Weapon System Type:		Date: <div>March 2009</div>	
	AMMO Cost Elements			ID CD	FY 07 Total CostQtyUnit Cost		FY 08 Total CostQtyUnit Cost		FY 09 Total CostQtyUnit Cost	
				\$000	x1000	\$	\$000	x1000	\$	\$000x1000\$
FY 2009 OCO HARDWARE										
LOAD, ASSEMBLE, PACK									28755	110202.61
BOX METAL M2A1									1245	11111.18
H/W SUBTOTAL									30000	
Total:									30000	2.86

Exhibit P-5a, Budget Procurement History and Planning										Date: March 2009		
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: CTG CAL .50 4 BALL/1 TRACER W/M9 LINK (E07200)							
WBS Cost Elements:		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2009 OCO HARDWARE LOAD, ASSEMBLE, PACK FY 2009 FY 2009 BOX METAL M2A1 FY 2009 FY 2009		TO BE SELECTED		OTHER	ROCK ISLAND, IL	Aug 09	May 10	7053	2.61	Y		
		GENERAL DYNAMICS ORD & TAC ST. PETERSBERG		SS/FP	ROCK ISLAND, IL	Aug 09	May 10	3967	2.61	Y		
		BWAY CORPORATION ATLANTA, GA		C/OPT	ROCK ISLAND, IL	Oct 09	Apr 10	89	11.18	Y		
		BEST FOAM FAB CHICAGO, IL		C/OPT	ROCK ISLAND, IL	Oct 09	Apr 10	22	11.18	Y		
REMARKS: OTHER - COMPETITION STRATEGY IS BEING FINALIZED. FY 2009 (LAP & BOX METAL M2A1) AVERAGE UNIT COST FOR MULTIPLE PRODUCERS.												

E08000 (E07200) Item No. 4 Page 12 of 16 Exhibit P-21
 CTG CAL .50 4 BALL/1 TRACER W/M9 LINK 26 Production Schedule

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature CTG CAL .50 LKD 4-SLAP M903/1-SLAPT M96 (F88000)					
Program Elements for Code B Items:			Code: <div style="text-align: center;">A</div>		Other Related Program Elements:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				1040						1040
Gross Cost				12.8						12.8
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				12.8						12.8
Initial Spares										
Total Proc Cost				12.8						12.8
Flyaway U/C										
Weapon System Proc U/C										
<p>Description: The Saboted Light Armor Penetrator (SLAP), M903 cartridge consists of a low-drag, tungsten-alloy penetrator encased in a lightweight plastic sabot loaded into otherwise conventional Caliber .50 cartridge components. The projectile assembly is launched at approximately 4000 feet per second and the sabot is discarded shortly after muzzle exit. The companion M962 SLAP-Tracer cartridge is similar in configuration to the M903 except that the penetrator has a cavity containing tracer mix. The M962 provides the precision of delivery necessary to take full advantage of the penetrator cartridge capability. This ammunition is used in the M2 Heavy Barrel Machine Gun. The item is Code A, approved for service use.</p> <p>Justification: This is a training standard item used in both training and combat. FY 2009 Overseas Contingency Operations (OCO) request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2009 OCO (\$12.8 million) procures an additional 1.040 million cartridges. This requirement is based on operational expenditures and supports approved Army ammunition warfighter requirements.</p> <p>TYPE CLASSIFICATION DATE: March 1993</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 LKD 4-SLAP M903/1-SLAPT M96 (F88000)				Weapon System Type:		Date: March 2009		
	AMMO Cost Elements		ID CD	FY 07 Total CostQtyUnit Cost		FY 08 Total CostQtyUnit Cost		FY 09 Total CostQtyUnit Cost			
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 09 OCO HARDWARE											
COMPLETE ROUND									12800	1040	12.32
H/W SUBTOTAL									12800		
Total:									12800		12.32

Exhibit P-5a, Budget Procurement History and Planning											Date: March 2009	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: CTG CAL .50 LKD 4-SLAP M903/1-SLAPT M96 (F88000)							
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
FY 09 OCO HARDWARE FY 2009 OCO		Olin East Alton, IL		SS/OPT	Picatinny Arsenal, NJ	Jul 09	Apr 10	1040	12.32	Y		
REMARKS:												

FY 09 / 10 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE CTG CAL .50 LKD 4-SLAP M903/1-SLAPT M96 (F88000)										Date: March 2009																
COST ELEMENTS						Fiscal Year 09														Fiscal Year 10														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 09											Calendar Year 10																
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							
COMPLETE ROUND																																				
1	FY 09 OCO	A	1040	0	1040										A														72	200	200	200	200	168	0	
Total			1040		1040																									72	200	200	200	200	168	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																					
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																								
1	Olin, East Alton, IL	50	80	200			3	5	12	17																										
							3	3	11	14																										
							Initial																													
							Reorder																													
							Initial																													
							Reorder																													
							Initial																													
							Reorder																													
							Initial																													
							Reorder																													
							Initial																													
							Reorder																													

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature CTG, 30MM, ALL TYPES (ER8120)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										
Gross Cost				10.0						10.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				10.0						10.0
Initial Spares										
Total Proc Cost				10.0						10.0
Flyaway U/C										
Weapon System Proc U/C										
Description: This budget line includes 30MM ALL TYPES. <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="text-align: right;">OIF</div> <div style="text-align: right;">OEF</div> <div style="text-align: right;">Total</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="text-align: right;">FY 2009 OCO Requirement:</div> <div style="text-align: right;">\$6.000 Million</div> <div style="text-align: right;">\$4.000 Million</div> <div style="text-align: right;">\$10.000 Million</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="text-align: right;">FY 2009 Bridge Enacted**:</div> <div style="text-align: right;">\$0.000 Million</div> <div style="text-align: right;">\$0.000 Million</div> <div style="text-align: right;">\$0.000 Million</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="text-align: right;">FY 2009 Remaining OCO Request:</div> <div style="text-align: right;">\$6.000 Million</div> <div style="text-align: right;">\$4.000 Million</div> <div style="text-align: right;">\$10.000 Million</div> </div>										

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CTG, 30MM, ALL TYPES (ER8120)			Weapon System Type:		Date: March 2009		
AMMO Cost Elements		ID	FY 07			FY 08			FY 09		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
OVERSEAS CONTINGENCY OPERATIONS											
E09900 CTG 30MM HEDP M789									9900	119	83.08
E06100 CTG 30MM HPT M833									100	2	50.00
Total:									10000		

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature CTG 30MM HEDP M789 (E09900)					
Program Elements for Code B Items:			Code: <div style="text-align: center;">A</div>		Other Related Program Elements:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				119						119
Gross Cost				9.9						9.9
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				9.9						9.9
Initial Spares										
Total Proc Cost				9.9						9.9
Flyaway U/C										
Weapon System Proc U/C										
<p>Description: The M789 Lightweight 30mm High Explosive-Dual Purpose cartridge is the only qualified combat cartridge for use in the Apache Helicopter's M230 Chain Gun. The M789 cartridge consists of a charged projectile containing a shaped charge liner, a M759 point-detonating fuze, aluminum cartridge case, and a PA520 electric primer. The shaped charge allows the M789 to defeat light armor, and the steel projectile body provides an anti-personnel capability. M789 cartridges are packed in bulk ammunition strips (BAS), 110 cartridges per M592 Container. This item is Code A, approved for service use.</p> <p>Justification: FY 2009 Overseas Contingency Operations (OCO) request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2009 OCO (\$9.9 million) procures an additional .119 million cartridges. This requirement is based on operational expenditures and supports approved Army ammunition warfighter requirements.</p> <p>TYPE CLASSIFICATION DATE: 1962</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 30MM HEDP M789 (E09900)			Weapon System Type:		Date: March 2009	
AMMO Cost Elements		ID CD	FY 07 Total CostQtyUnit Cost			FY 08 Total CostQtyUnit Cost			FY 09 Total CostQtyUnit Cost		
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY09 OCO HARDWARE											
LOAD, ASSEMBLE, PACK (LAP)									9900	119	83.08
*PBXN-5 TYPE I CLASS 3									4	73	
H/W SUBTOTAL									9904		
NON-RECURRING COSTS											
GOVERNMENT FURNISHED MATERIAL									-4	-73	
NON-RECURRING SUBTOTAL									-4		
Total:									9900		83.08

Exhibit P-5a, Budget Procurement History and Planning											Date: March 2009	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: CTG 30MM HEDP M789 (E09900)							
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
FY09 OCO HARDWARE LOAD, ASSEMBLE, PACK (LAP) FY 2009 OCO *PBXN-5 TYPE I CLASS 3 FY 2009		TO BE SELECTED		C/OPT	ROCK ISLAND, IL	Aug 09	Aug 10	119	83.08	Y		
		STOCK ISSUE		N/A	N/A	N/A	N/A	73				
REMARKS: * GOVERNMENT FURNISHED MATERIAL												

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>																						
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature CTG, 40MM, ALL TYPES (ER8001)																									
Program Elements for Code B Items:			Code:		Other Related Program Elements:																									
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog																				
Proc Qty																														
Gross Cost				25.8						25.8																				
Less PY Adv Proc																														
Plus CY Adv Proc																														
Net Proc P1				25.8						25.8																				
Initial Spares																														
Total Proc Cost				25.8						25.8																				
Flyaway U/C																														
Weapon System Proc U/C																														
Description: This budget line includes 40MM ALL TYPES. <div style="margin-top: 20px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: right;">OIF</td> <td style="width: 20%; text-align: right;">OEF</td> <td style="width: 20%; text-align: right;">Total</td> <td style="width: 20%;"></td> </tr> <tr> <td>FY 2009 OCO Requirement:</td> <td style="text-align: right;">\$15.450 Million</td> <td style="text-align: right;">\$10.300 Million</td> <td style="text-align: right;">\$25.750 Million</td> <td></td> </tr> <tr> <td>FY 2009 Bridge Enacted**:</td> <td style="text-align: right;">\$0.000 Million</td> <td style="text-align: right;">\$0.000 Million</td> <td style="text-align: right;">\$0.00 Million</td> <td></td> </tr> <tr> <td>FY 2009 Remaining OCO Request:</td> <td style="text-align: right;">\$15.450 Million</td> <td style="text-align: right;">\$10.300 Million</td> <td style="text-align: right;">\$25.750 Million</td> <td></td> </tr> </table> </div>												OIF	OEF	Total		FY 2009 OCO Requirement:	\$15.450 Million	\$10.300 Million	\$25.750 Million		FY 2009 Bridge Enacted**:	\$0.000 Million	\$0.000 Million	\$0.00 Million		FY 2009 Remaining OCO Request:	\$15.450 Million	\$10.300 Million	\$25.750 Million	
	OIF	OEF	Total																											
FY 2009 OCO Requirement:	\$15.450 Million	\$10.300 Million	\$25.750 Million																											
FY 2009 Bridge Enacted**:	\$0.000 Million	\$0.000 Million	\$0.00 Million																											
FY 2009 Remaining OCO Request:	\$15.450 Million	\$10.300 Million	\$25.750 Million																											

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CTG, 40MM, ALL TYPES (ER8001)			Weapon System Type:		Date: <div>March 2009</div>		
AMMO Cost Elements		ID	FY 07			FY 08			FY 09		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
Overseas Contingency Operations											
CTG 40MM HEDP M430 F/MK19 MG									20000	599	33.37
CTG 40MM HEDP M433									5000	100	49.76
CTG 40MM GREEN STAR PARA M661									750	21	35.71
Total:									25750		

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature CTG 40MM HEDP M430 F/MK19 MG (E11800)					
Program Elements for Code B Items:			Code: A		Other Related Program Elements:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				599						599
Gross Cost				20.0						20.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				20.0						20.0
Initial Spares										
Total Proc Cost				20.0						20.0
Flyaway U/C										
Weapon System Proc U/C										
<p>Description: The M430A1 is a High-Explosive Dual-Purpose cartridge (HEDP), and is fired from a MK19 Machine Gun at a max range of 2200 meters and is linked into a 32- or 48-round belt. The cartridge is a fixed round of ammunition with an internally embossed steel projectile body containing a high explosive (Comp A5) and copper, shaped-charged liner. The Point Initiating, Base Detonating (PIBD) M549A1 fuze with spit back, secondary charge, is threaded into the body to form the projectile. It is capable of penetrating three inches of steel armor and inflicting personnel casualties in the target area. This item is Code A, approved for service use.</p> <p>Justification: FY 2009 Overseas Contingency Operations (OCO) request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2009 OCO (\$20.0 million) procures an additional .599 million cartridges. This requirement is based on operational expenditures and supports approved Army ammunition warfighter requirements.</p> <p>TYPE CLASSIFICATION DATE: 1971</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 40MM HEDP M430 F/MK19 MG (E11800)			Weapon System Type:		Date: March 2009
AMMO Cost Elements		ID	FY 07			FY 08			FY 09	
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000
FY 2009 OCO HARDWARE										
COMPLETE ROUND									20000	599
H/W SUBTOTAL									20000	
Total:									20000	33.37

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: March 2009</div> </div>											
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: CTG 40MM HEDP M430 F/MK19 MG (E11800)						
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
FY 2009 OCO HARDWARE COMPLETE ROUND FY 2009 OCO FY 2009 OCO	AMTEC CORP JANESVILLE, WI DSE INC, (BALIMOY) TAMPA, FL		C/OPTION C/OPTION	ROCK ISLAND, IL ROCK ISLAND, IL	Aug 09 Aug 09	Jan 11 Jan 11	329 270	33.37 33.37	Y Y		
REMARKS: FY 2009 IS AN AVERAGE UNIT COST FOR MULTIPLE PRODUCERS.											

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature CTG 40MM HEDP M433 (E12601)					
Program Elements for Code B Items:			Code: A		Other Related Program Elements:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				100						100
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										
<p>Description: The 40mm M433 cartridge is a dual-purpose, impact type round designed to penetrate lightly armored targets and perform an anti-personnel mission. Upon impact, the detonator triggers the spit-back shaped charge and produces a jet blast that detonates the high explosive bursting charge. Detonation of the bursting charge forms an armor-piercing jet of molten metal and fragmentation of the projectile body. This item is Code A, approved for service use.</p> <p>Justification: FY 2009 Overseas Contingency Operations (OCO) request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2009 OCO (\$5.0 million) procures an additional 100 thousand cartridges. This requirement is based on operational expenditures and supports approved Army ammunition warfighter requirements.</p> <p>TYPE CLASSIFICATION DATE: 1971</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 40MM HEDP M433 (E12601)			Weapon System Type:		Date: March 2009		
AMMO Cost Elements		ID	FY 07			FY 08			FY 09		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2009 OCO HARDWARE											
COMPLETE ROUND									5000	100	49.76
H/W SUB TOTAL									5000		
Total:									5000		49.76

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: March 2009</div> </div>											
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: CTG 40MM HEDP M433 (E12601)						
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
FY 2009 OCO HARDWARE COMPLETE ROUND FY 2009 FY 2009	AMTEC CORP JANESVILLE, WI DSE INC, (BALIMOY) TAMPA, FL		C/OPT C/OPT	ROCK ISLAND, IL ROCK ISLAND, IL	Aug 09 Aug 09	Jan 11 Jan 11	55 45	49.76 49.76	Y Y		
REMARKS: FY 2009 IS AN AVERAGE UNIT COST FOR MULTIPLE PRODUCERS.											

FY 09 / 10 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE CTG 40MM HEDP M433 (E12601)										Date: March 2009														
COST ELEMENTS						Fiscal Year 09														Fiscal Year 10														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 09											Calendar Year 10														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
COMPLETE ROUND																																		
2	FY 09 OCO	A	55	0	55											A															55			
1	FY 09 OCO	A	45	0	45											A															45			
Total			100		100																										100			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS THIS IS A SHARED LINE WITH OTHER 40MM PROGRAMS.
		MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct			
1	DSE INC, (BALIMOY), TAMPA, FL	200	274	685		1	Initial	6	6	19	25	
							Reorder	0	9	17	26	
2	AMTEC CORP, JANESVILLE, WI	200	274	685		2	Initial	6	6	19	25	
							Reorder	0	9	17	26	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 11 / 12 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE CTG 40MM HEDP M433 (E12601)										Date: March 2009										
COST ELEMENTS						Fiscal Year 11												Fiscal Year 12												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 11												Calendar Year 12												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
COMPLETE ROUND																														
2	FY 09 OCO	A	55	0	55				5	5	5	5	5	5	5	4	4	4	4	4										0
1	FY 09 OCO	A	45	0	45				4	4	4	4	4	4	4	4	4	3	3	3									0	
Total			100		100				9	9	9	9	9	9	9	8	8	7	7	7										
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct			
1	DSE INC, (BALIMOY), TAMPA, FL	200	274	685		1	Initial	6	6	19	25	
							Reorder	0	9	17	26	
2	AMTEC CORP, JANESVILLE, WI	200	274	685		2	Initial	6	6	19	25	
							Reorder	0	9	17	26	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet								Date: March 2009																		
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: B		Other Related Program Elements: 0604814A																					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog																
Proc Qty																										
Gross Cost				35.0						35.0																
Less PY Adv Proc																										
Plus CY Adv Proc																										
Net Proc P1				35.0						35.0																
Initial Spares																										
Total Proc Cost				35.0						35.0																
Flyaway U/C																										
Weapon System Proc U/C									0.0	0.0																
<p>Description: This budget line item includes the Excalibur family of munitions for the use in the Lightweight 155mm, Paladin, and the Non-Line of Sight-Cannon (NLOS-C). FY 2009 Overseas Contingency Operations: \$35.0M</p> <table style="width: 100%; margin-top: 20px;"> <tr> <td></td> <td style="text-align: center;">OIF</td> <td style="text-align: center;">OEF</td> <td style="text-align: center;">Total</td> </tr> <tr> <td>FY 2009 OCO Requirement:</td> <td style="text-align: right;">\$35.000 Million</td> <td style="text-align: right;">\$0.000 Million</td> <td style="text-align: right;">\$35.000 Million</td> </tr> <tr> <td>FY 2009 Bridge Enacted**:</td> <td style="text-align: right;">\$0.000 Million</td> <td style="text-align: right;">\$0.000 Million</td> <td style="text-align: right;">\$0.000 Million</td> </tr> <tr> <td>FY 2009 Remaining OCO Request:</td> <td style="text-align: right;">\$35.000 Million</td> <td style="text-align: right;">\$0.000 Million</td> <td style="text-align: right;">\$35.000 Million</td> </tr> </table>												OIF	OEF	Total	FY 2009 OCO Requirement:	\$35.000 Million	\$0.000 Million	\$35.000 Million	FY 2009 Bridge Enacted**:	\$0.000 Million	\$0.000 Million	\$0.000 Million	FY 2009 Remaining OCO Request:	\$35.000 Million	\$0.000 Million	\$35.000 Million
	OIF	OEF	Total																							
FY 2009 OCO Requirement:	\$35.000 Million	\$0.000 Million	\$35.000 Million																							
FY 2009 Bridge Enacted**:	\$0.000 Million	\$0.000 Million	\$0.000 Million																							
FY 2009 Remaining OCO Request:	\$35.000 Million	\$0.000 Million	\$35.000 Million																							

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: March 2009
AMMO Cost Elements		ID	FY 07			FY 08			FY 09	
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units
Proj 155MM Extend Rng: XM982-U Excalibur									35000	287
Total:									35000	122

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</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: B		Other Related Program Elements: 0604814A					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				287						287
Gross Cost				35.0						35.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				35.0						35.0
Initial Spares										
Total Proc Cost				35.0						35.0
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 will be compatible with the M777A2 Lightweight 155mm Howitzer (LW155), the Paladin Howitzer, and the Future Combat Systems (FCS) Non-Line of Sight Cannon (NLOS-C). Excalibur will provide a 33% range increase over current Rocket Assisted Projectiles and 10 meter accuracy (circular error probable (CEP)) at all ranges. Excalibur is also highly resistant to GPS jamming. This item is Code B, approved for limited use.</p> <p>Justification: FY 2009 Overseas Contingency Operations (OCO) request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2009 OCO (\$35.0M) procures an additional 287 projectiles. This requirement is based on operational expenditures and supports approved Army ammunition warfighter requirements.</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: March 2009
AMMO Cost Elements		ID	FY 07			FY 08			FY 09	
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	\$000
FY09 OCO										
AMMUNITION HARDWARE										
Complete Round									34713	121
Container System									287	1
Sub Total AMMO Hardware									35000	
Total:									35000	122

Exhibit P-5a, Budget Procurement History and Planning											Date: March 2009	
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
FY09 OCO FY 2009		Raytheon Tucson, AZ		SS/OPT	ARDEC, Picatinny, NJ	Aug 09	May 10					
REMARKS:												

FY 09 / 10 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE PROJ 155MM EXTENDED RANGE: XM982-U EXCALIBUR (E80103)										Date: March 2009																	
COST ELEMENTS						Fiscal Year 09														Fiscal Year 10														Later			
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 09											Calendar Year 10																	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P								
Complete Round																																					
1	FY 09	A	287	0	287											A															24	24	24	24	24	167	
Total			287		287																											24	24	24	24	24	167
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P								

M F R		PRODUCTION RATES	Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
						Prior 1 Oct	After 1 Oct			
1	Raytheon, Tucson, AZ	MIN 25 1-8-5 60 MAX 200		1	Initial	4	7	9	16	
					Reorder	3	2	11	13	
					Initial					
					Reorder					
					Initial					
					Reorder					
					Initial					
					Reorder					
					Initial					
					Reorder					

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>																						
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature Modular Artillery Charge System (MACS), All Types (E27501)																									
Program Elements for Code B Items:			Code:		Other Related Program Elements:																									
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog																				
Proc Qty																														
Gross Cost				20.0						20.0																				
Less PY Adv Proc																														
Plus CY Adv Proc																														
Net Proc P1				20.0						20.0																				
Initial Spares																														
Total Proc Cost				20.0						20.0																				
Flyaway U/C																														
Weapon System Proc U/C																														
<p>Description: This budget line item funds MACS, All Types.</p> <table style="width: 100%; margin-top: 20px;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%;">OIF</td> <td style="width: 15%;">OEF</td> <td style="width: 15%;">Total</td> <td style="width: 40%;"></td> </tr> <tr> <td>FY 2009 Request:</td> <td style="text-align: right;">\$12.000</td> <td style="text-align: right;">Million</td> <td style="text-align: right;">\$8.000</td> <td style="text-align: right;">Million \$20.000 Million</td> </tr> <tr> <td>FY 2009 Bridge:</td> <td style="text-align: right;">\$00.000</td> <td style="text-align: right;">Million</td> <td style="text-align: right;">\$0.000</td> <td style="text-align: right;">Million \$00.000 Million</td> </tr> <tr> <td>FY 2009 Remaining Total:</td> <td style="text-align: right;">\$12.000</td> <td style="text-align: right;">Million</td> <td style="text-align: right;">\$8.000</td> <td style="text-align: right;">Million \$20.000 Million</td> </tr> </table>												OIF	OEF	Total		FY 2009 Request:	\$12.000	Million	\$8.000	Million \$20.000 Million	FY 2009 Bridge:	\$00.000	Million	\$0.000	Million \$00.000 Million	FY 2009 Remaining Total:	\$12.000	Million	\$8.000	Million \$20.000 Million
	OIF	OEF	Total																											
FY 2009 Request:	\$12.000	Million	\$8.000	Million \$20.000 Million																										
FY 2009 Bridge:	\$00.000	Million	\$0.000	Million \$00.000 Million																										
FY 2009 Remaining Total:	\$12.000	Million	\$8.000	Million \$20.000 Million																										

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition		P-1 Line Item Nomenclature: Modular Artillery Charge System (MACS), All Types (E27501)				Weapon System Type:		Date: March 2009		
AMMO Cost Elements		ID	FY 07			FY 08			FY 09		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
ER8021 MACS M232									20000	173	116
Total:									20000		

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature MODULAR ARTILLERY CHARGE SYSTEM (MACS), M232 (ER8021)					
Program Elements for Code B Items:			Code: A		Other Related Program Elements:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				173						173
Gross Cost				20.0						20.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				20.0						20.0
Initial Spares										
Total Proc Cost				20.0						20.0
Flyaway U/C										
Weapon System Proc U/C										
<p>Description: The Modular Artillery Charge System (MACS), M232 High Zone is intended for use with all US 155mm cannon field artillery systems. The M232 High Zone increment is designed to achieve ranges from 10-40+ kilometers. Each MACS increment includes propellant, an ignition system, and a combustible case. Performance enhancing additives are included in the M232 High Zone increment. Packaging permits long-term storage and helps protect the items from unplanned stimuli. This item is type classified Code A, approved for service use.</p> <p>Justification: FY 2009 Overseas Contingency Operations (OCO) request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2009 OCO (\$20.0 million) procures an additional 173,000 increments. This requirement is based on operational expenditures and support approved Army ammunition warfighter requirements.</p> <p>TYPE CLASSIFICATION DATE: August 2001</p>										

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: MODULAR ARTILLERY CHARGE SYSTEM (MACS), M232 (ER8021)			Weapon System Type:		Date: March 2009	
AMMO Cost Elements	ID	FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY09 OCO Request										
Hardware										
Load, Assemble and Pack								3806	173	22
Combustible Case Sets								5518	178	31
Propellant (M232 Triple Base)								8687	788	11
Ignition Sys/Spheriodal Propellant								99	11	9
Containers								1750	35	50
Black Powder								140	10	14
Sub Total Ammo Hardware								20000		
Total:								20000		116

Exhibit P-5a, Budget Procurement History and Planning										Date: March 2009	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: MODULAR ARTILLERY CHARGE SYSTEM (MACS), M232 (ER8021)						
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
FY09 OCO Request											
Load, Assemble and Pack											
FY 2009 OCO	American Ordnance Middletown, IA		C/FP/Optio	Picatinny, NJ	Aug 09	Oct 11	173	22	Y		
Combustible Case Sets											
FY 2009 OCO	Armtec Coachella, CA		CM-2/FP	Picatinny, NJ	Aug 09	Jul 11	178	31	Y		
Propellant (M232 Triple Base)											
FY 2009 OCO	Canadian Commercial Corp Ottawa, CN		SS/Option	Picatinny, NJ	Aug 09	Aug 11	788	11	Y		
Ignition Sys/Spheriodal Propellant											
FY 2009 OCO	St. Marks Crawfordville, FL		SS/Option	Picatinny, NJ	Aug 09	Aug 11	11	9	Y		
Containers											
FY 2009 OCO	Conco Louisville, KY		C/FP	Picatinny, NJ	Aug 09	Aug 11	35	50	Y		
Black Powder											
FY 2009 OCO	GOEX Inc. Minden, LA		SS/Option	Rock Island, IL	Aug 09	Aug 11	10	14	Y		
REMARKS:											

FY 09 / 10 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE MODULAR ARTILLERY CHARGE SYSTEM (MACS), M232 (ER8021)										Date: March 2009										
COST ELEMENTS						Fiscal Year 09														Fiscal Year 10														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 09										Calendar Year 10												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Load, Assemble and Pack																																		
1	FY 09 OCO	A	173	0	173										A																173			
Total			173		173																										173			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																		
						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																					
1	American Ordnance, Middletown, IA					30	60	125			Initial	3	11	26	37																			
										Reorder	3	6	26	32																				
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								

FY 11 / 12 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE MODULAR ARTILLERY CHARGE SYSTEM (MACS), M232 (ER8021)										Date: March 2009														
COST ELEMENTS						Fiscal Year 11														Fiscal Year 12														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 11											Calendar Year 12														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Load, Assemble and Pack																																		
1	FY 09 OCO	A	173	0	173												40	40	40	40	13									0				
Total			173		173												40	40	40	40	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					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																		
						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																					
1	American Ordnance, Middletown, IA					30	60	125				3	11	26	37																			
											3	6	26	32																				
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature SHOULDER LAUNCHED MUNITIONS, ALL TYPES (EA4000)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										
Gross Cost				20.0						20.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				20.0						20.0
Initial Spares										
Total Proc Cost				20.0						20.0
Flyaway U/C										
Weapon System Proc U/C										
Description: <div style="display: flex; justify-content: space-between; margin-top: 10px;"> . OIF OEF Total </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> FY 2009 OCO Requirement: \$12.000 Million \$8.000 Million \$ 20.000 Million </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> FY 2009 Bridge Enacted**: \$0.000 Million \$0.000 Million \$0.000 Million </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> FY 2009 Remaining OCO Request: \$12.000 Million \$8.000 Million \$ 20.000 Million </div>										

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition		P-1 Line Item Nomenclature: SHOULDER LAUNCHED MUNITIONS, ALL TYPES (EA4000)			Weapon System Type:		Date: March 2009		
AMMO Cost Elements		ID	FY 07			FY 08			FY 09		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
OVERSEAS CONTINGENCY OPERATIONS											
E36101 AT-4 CONFINED SPACE									10000	2308	4
E88401 BUNKER DEFEAT MUNITION									10000	924	15
SUBTOTAL OCO REQUEST									20000		
Total:									20000		

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature AT4 - Confined Space (E36101)					
Program Elements for Code B Items:			Code: A		Other Related Program Elements:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				2308						2308
Gross Cost				10.0						10.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				10.0						10.0
Initial Spares										
Total Proc Cost				10.0						10.0
Flyaway U/C										
Weapon System Proc U/C										
<p>Description: The AT4-CS is a self-contained weapon consisting of a free-flight, fin-stabilized, rocket packed in an expendable, 1-piece launch tube. The recoilless design permits accurate delivery of the 84mm High Explosive Anti-Armor warhead out to 250 meters. The AT4-CS incorporates a safety modification to the propulsion system that significantly reduces the weapon's back blast and launch signature. This will allow the user to safely fire the weapon from a protected area or enclosed space during close combat operations. This item is Code A, approved for service use.</p> <p>Justification: FY 2009 Overseas Contingency Operations (OCO) request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2009 OCO (\$10.0M) procures an additional 2,308 systems. This requirement is based on operational expenditures and support approved Army ammunition warfighter requirements.</p> <p>TYPE CLASSIFICATON DATE: August 2006.</p>										

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition				P-1 Line Item Nomenclature: AT4 - Confined Space (E36101)			Weapon System Type:		Date: <div>March 2009</div>	
AMMO Cost Elements		ID CD	FY 07 Total CostQtyUnit Cost			FY 08 Total CostQtyUnit Cost			FY 09 Total CostQtyUnit Cost		
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
OVERSEAS CONTINGENCY OPERATIONS											
Complete Round									9800	2308	4
SubTotal Hardware									9800		
PRODUCTION SUPPORT COSTS											
Acceptance Testing									200		
Sub Total Production Support									200		
Total:									10000		5

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: March 2009</div> </div>											
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: AT4 - Confined Space (E36101)						
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
BASIC APPROPRIATION OVERSEAS CONTINGENCY OPERATIONS FY 2009	SAAB Bofors Dynamics AB Karlskoga, Sweden		SS/Other	Picatinny, NJ	Mar 09	Sep 10	2308	4			
REMARKS: Other - Acquisition Strategy is for a new 5 year Indefinite Delivery/Indefinite Quantity (IDIQ) contract with SAAB/Bofors in FY2007.											

FY 09 / 10 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE AT4 - Confined Space (E36101)										Date: March 2009														
COST ELEMENTS						Fiscal Year 09														Fiscal Year 10														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 09											Calendar Year 10														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Complete Round																																		
1	FY 09 OCO	A	4390	0	4390						A																			4390	0			
Total			4390		4390																									4390				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																		
						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																					
1	SAAB Bofors Dynamics AB, Karlskoga, Sweden					500	5000	7000				6	8	24	32																			
												6	6	18	24																			

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature BUNKER DEFEAT MUNITION (E88401)					
Program Elements for Code B Items:			Code: A		Other Related Program Elements:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				924						924
Gross Cost				10.0						10.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				10.0						10.0
Initial Spares										
Total Proc Cost				10.0						10.0
Flyaway U/C										
Weapon System Proc U/C										
<p>Description: The Bunker Defeat Munitions (BDM) is a single-shot, disposable, shoulder-launched munitions used to defeat earth and timber field fortifications (bunkers) out to 250 meters. The system also defeats lightly armored vehicles and breaches masonry walls using its 83mm High Explosive, Dual-Purpose rocket. Additionally, each telescoping launcher has an integral night-vision device mount to accept any sight or laser aiming light with rail-grabber attachment. This item is Code A, approved for service use.</p> <p>Justification: FY 2009 Overseas Contingency Operations (OCO) request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2009 OCO (\$10.0M) procures an additional 924 systems. This requirement is based on operational expenditures and support approved Army ammunition warfighter requirements.</p> <p>TYPE CLASSIFICATION DATE: Standard March 2007.</p>										

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: BUNKER DEFEAT MUNITION (E88401)			Weapon System Type:		Date: <div>March 2009</div>		
AMMO		ID	FY 07			FY 08			FY 09		
Cost Elements		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
OVERSEAS CONTINGENCY OPERATIONS											
Complete Round									9780	924	11
SubTotal AMMO Hardware									9780		
PRODUCTION SUPPORT COSTS											
Acceptance Testing									220		
SubTotal Production Support Costs									220		
SUBTOTAL OCO REQUEST									10000		
Total:									10000		15

Exhibit P-5a, Budget Procurement History and Planning											Date: March 2009	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: BUNKER DEFEAT MUNITION (E88401)							
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
OVERSEAS CONTINGENCY OPERATIONS FY 2009		Talley Defense Systems Mesa, AZ		SS/OPT	Picatinny, NJ	Aug 09	Aug 10	924	11			
REMARKS:												

FY 09 / 10 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE BUNKER DEFEAT MUNITION (E88401)										Date: March 2009										
COST ELEMENTS						Fiscal Year 09														Fiscal Year 10														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 09											Calendar Year 10														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Complete Round																																		
1	FY 09 OCO	A	443	0	443										A														443		0			
Total			443		443																								443					
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR 1		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct			
1	Talley Defense Systems, Mesa, AZ	100	700	1400			Initial	6	8	15	23	
							Reorder	6	6	12	18	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</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: A		Other Related Program Elements:																					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog																
Proc Qty																										
Gross Cost				26.0						26.0																
Less PY Adv Proc																										
Plus CY Adv Proc																										
Net Proc P1				26.0						26.0																
Initial Spares																										
Total Proc Cost				26.0						26.0																
Flyaway U/C																										
Weapon System Proc U/C																										
<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 warfighting readiness posture. This system of aerial rockets is used by Army aircraft (AH-64A/D Apache, OH-58D Kiowa Warrior, Armed Reconnaissance Helicopter, and Special Operations aircraft) to perform a number of roles including anti-materiel, anti-personnel, and air-to-ground suppression.</p> <p>Justification: FY 2009 Overseas Contingency Operations (OCO) request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2009 OCO (\$26.0 million) procures an additional 26,251 rockets. This requirement is based on operational expenditures and support approved Army ammunition warfighter requirements.</p> <p>**FY 2009 Enacted Bridge not included in the total in the above table</p> <table style="width: 100%; border: none;"> <tr> <td style="text-align: right;">OIF</td> <td style="text-align: right;">OEF</td> <td style="text-align: right;">Total</td> <td></td> </tr> <tr> <td>FY 2009 OCO Requirement:</td> <td style="text-align: right;">\$15.600 Million</td> <td style="text-align: right;">\$10.400 Million</td> <td style="text-align: right;">\$26.0 Million</td> </tr> <tr> <td>FY 2009 Bridge Enacted**:</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>FY 2009 Remaining OCO Request:</td> <td style="text-align: right;">\$15.600 Million</td> <td style="text-align: right;">\$10.400 Million</td> <td style="text-align: right;">\$26.0 Million</td> </tr> </table>											OIF	OEF	Total		FY 2009 OCO Requirement:	\$15.600 Million	\$10.400 Million	\$26.0 Million	FY 2009 Bridge Enacted**:	0	0	0	FY 2009 Remaining OCO Request:	\$15.600 Million	\$10.400 Million	\$26.0 Million
OIF	OEF	Total																								
FY 2009 OCO Requirement:	\$15.600 Million	\$10.400 Million	\$26.0 Million																							
FY 2009 Bridge Enacted**:	0	0	0																							
FY 2009 Remaining OCO Request:	\$15.600 Million	\$10.400 Million	\$26.0 Million																							

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: March 2009	
	AMMO Cost Elements			ID CD	FY 07 Total CostQtyUnit Cost		FY 08 Total CostQtyUnit Cost		FY 09 Total CostQtyUnit Cost	
					\$000	x1000	\$	\$000	x1000	\$
ROCKET HYDRA 70 M255A1									3000	31
ROCKET HYDRA 70 HE/PD M151/M423									10871	161
ROCKET HYDRA 70, ILLUM M257									12129	72
Total:									26000	

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature ROCKET, HYDRA 70, ILLUM, M257 (E37314)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				7						7
Gross Cost				12.1						12.1
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				12.1						12.1
Initial Spares										
Total Proc Cost				12.1						12.1
Flyaway U/C										
Weapon System Proc U/C				1.7						1.7
<p>Description: The HYDRA-70 family of rockets is used by Army aircraft (AH-64A/D Apache, OH-58D Kiowa Warrior, Armed Reconnaissance Helicopter, and Special Operations aircraft) to perform a number of roles including anti-materiel, anti-personnel, air-to-ground suppression and illumination. The M257 warhead was designed for battlefield illumination. The flare warheads are assembled to the MK66 Rocket Motor in the field. The flare rockets can be launched from either fixed-wing or rotary-wing aircraft. The M442 motor burnout fuze functions after a 9-second delay. The M257 candle descends at 15 feet per second and burns for approximately 100 seconds with a minimum light output of one million candle power in the visible light spectrum.</p> <p>Justification: FY 2009 Overseas Contingency Operations (OCO) request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2009 OCO (\$12.129 million) procures an additional 7,013 rockets. This requirement is based on operational expenditures and support approved Army ammunition warfighter requirements.</p> <p>**FY 2009 Enacted Bridge not included in the total in the above table</p> <p>FY 2009 OCO Requirement: \$12.129 Million</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, ILLUM, M257 (E37314)			Weapon System Type:		Date: March 2009		
AMMO Cost Elements		ID CD	FY 07 Total CostQtyUnit Cost			FY 08 Total CostQtyUnit Cost			FY 09 Total CostQtyUnit Cost		
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY09 OCO APPROPRIATION											
AMMUNITION HARDWARE											
E37314, M257, Hydra Illum									12129	7	2
SubTotal AMMO Hardware									12129		
Production Support Costs											
Production Engineering											
SubTotal COST - Nonrecurring											
Total:									12129		

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: March 2009</div> </div>											
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: ROCKET, HYDRA 70, ILLUM, M257 (E37314)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
E37314, M257, Hydra Illum FY 2009 OCO	General Dynamics Burlington, VT		SS/Option	AMCOM, Redstone Arsenal, AL	Jul 09	Jan 09	7	1730	Y		Jun 04
REMARKS: Sole Source/Fixed Price (SS/FP)											

FY 11 / 12 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE ROCKET, HYDRA 70, ILLUM, M257 (E37314)										Date: March 2009														
COST ELEMENTS						Fiscal Year 11														Fiscal Year 12														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 11											Calendar Year 12														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
E37314, M257, Hydra Illum																																		
1	FY 09 OCO	A	7	0	7				1	1	1	1	1	1	1															0				
Total			7		7				1	1	1	1	1	1	1																			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
1	General Dynamics, Burlington, VT					3	7	13		1	Initial	6	7	22	29																			
										Reorder	6	5	18	23																				
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</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: A		Other Related Program Elements:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				16						16
Gross Cost				10.9						10.9
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				10.9						10.9
Initial Spares										
Total Proc Cost				10.9						10.9
Flyaway U/C										
Weapon System Proc U/C				0.7						0.7
<p>Description: The HYDRA-70 family of rockets is used by Army aircraft (AH-64A/D Apache, OH-58D Kiowa Warrior helicopters, Armed Reconnaissance Helicopter, and Special Operations aircraft) to perform a number of roles including anti-materiel, anti-personnel, and air-to-ground suppression. 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. This item is Code A, approved for service use.</p> <p>Justification: FY 2009 Overseas Contingency Operations (OCO) request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2009 OCO (\$10.871 million) procures an additional 16,416 rockets. This requirement is based on operational expenditures and support approved Army ammunition warfighter requirements.</p> <p>**FY 2009 Enacted Bridge not included in the total in the above table</p> <p>FY 2009 OCO Requirement: \$10.871Million</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: March 2009
AMMO Cost Elements		ID	FY 07			FY 08			FY 09	
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000
FY09 OCO APPROPRIATION										
Ammunition Hardware										
E37335, M151/M423 HE/PD									10871	16
Production Support Costs										
Production Engineering										
Sub Total FY09 OCO Appropriation									10871	
Total:									10871	

Exhibit P-5a, Budget Procurement History and Planning											Date: March 2009	
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
E37335, M151/M423 HE/PD FY 2009 OCO		General Dynamics Burlington, VT		SS/Option	AMCOM, Redstone Arsenal, AL	Jul 09	Jan 11	16	662	Y		Jun 04
REMARKS: Sole Source/Fixed Price (SS/FP)												

FY 11 / 12 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE ROCKET HYDRA 70 HE/PD M151/M423 (E37335)										Date: March 2009														
COST ELEMENTS						Fiscal Year 11														Fiscal Year 12														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 11											Calendar Year 12														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
E37335, M151/M423 HE/PD																																		
1	FY 09 OCO	A	16.4	0.0	16.4				2.0	2.0	2.0	2.0	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0													0.0	
Total			16.4		16.4				2.0	2.0	2.0	2.0	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																		
						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																					
1	General Dynamics, Burlington, VT					0.3	15.0	46.0				6	7	22	29																			

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>																		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature DEMOLITION MUNITIONS, ALL TYPES (E55400)																					
Program Elements for Code B Items:			Code:		Other Related Program Elements:																					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog																
Proc Qty																										
Gross Cost				0.5						0.5																
Less PY Adv Proc																										
Plus CY Adv Proc																										
Net Proc P1				0.5						0.5																
Initial Spares																										
Total Proc Cost				0.5						0.5																
Flyaway U/C																										
Weapon System Proc U/C																										
<p>Description: This budget line includes Demolition Munitions, All Types.</p> <p>Justification: .</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: right;">OIF</td> <td style="text-align: right;">OEF</td> <td style="text-align: right;">Total</td> </tr> <tr> <td>FY 2009 OCO Requirement:</td> <td style="text-align: right;">\$0.315 Million</td> <td style="text-align: right;">\$0.210 Million</td> <td style="text-align: right;">\$ 0.525 Million</td> </tr> <tr> <td>FY 2009 Bridge Enacted**:</td> <td style="text-align: right;">\$0.000 Million</td> <td style="text-align: right;">\$0.000 Million</td> <td style="text-align: right;">\$ 0.000 Million</td> </tr> <tr> <td>FY 2009 Remaining OCO Request:</td> <td style="text-align: right;">\$0.315 Million</td> <td style="text-align: right;">\$0.210 Million</td> <td style="text-align: right;">\$ 0.525 Million</td> </tr> </table> <p>Justification: FY 2009 Overseas Contingency Operations (OCO) request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2009 OCO (\$0.5 million) procures an additional 296 thousand feet of sheet Cord Detonating and 2 thousand Charge Demo EOD. This requirement is based on operational expenditures and support approved Army ammunition war-fighter requirements.</p>												OIF	OEF	Total	FY 2009 OCO Requirement:	\$0.315 Million	\$0.210 Million	\$ 0.525 Million	FY 2009 Bridge Enacted**:	\$0.000 Million	\$0.000 Million	\$ 0.000 Million	FY 2009 Remaining OCO Request:	\$0.315 Million	\$0.210 Million	\$ 0.525 Million
	OIF	OEF	Total																							
FY 2009 OCO Requirement:	\$0.315 Million	\$0.210 Million	\$ 0.525 Million																							
FY 2009 Bridge Enacted**:	\$0.000 Million	\$0.000 Million	\$ 0.000 Million																							
FY 2009 Remaining OCO Request:	\$0.315 Million	\$0.210 Million	\$ 0.525 Million																							

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: DEMOLITION MUNITIONS, ALL TYPES (E55400)			Weapon System Type:		Date: March 2009
AMMO Cost Elements		ID	FY 07			FY 08			FY 09	
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000
OVERSEAS CONTINGENCY OPERATIONS										
E54200 Cord Detonating Inert, M458 (FT)									200	296
E76706 Charge Demo EOD MK89 MOD 0, M998									325	2
SUBTOTAL OCO REQUEST									525	
Total:									525	

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature CORD DETONATING INERT (E54200)					
Program Elements for Code B Items:			Code: <div style="text-align: center;">A</div>		Other Related Program Elements:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				296						296
Gross Cost				0.2						0.2
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				0.2						0.2
Initial Spares										
Total Proc Cost				0.2						0.2
Flyaway U/C										
Weapon System Proc U/C				0.0						0.0
<p>Description: This inert detonating cord, similar to Type I, Class E in construction and external appearance, consists of an asphalt-coated cotton tube sheathed in an outer cover of smooth plastic coated rayon. The inert cord differs from the service cord in that the cord of the training item is inert loaded with poly-vinyl chloride (PVC) filler and the plastic outer coat is blue. The inert detonating cord is used in demonstration and training for demolition and its does not perform any ballistic function. This item is Code A, approved for service use.</p> <p>Justification: FY 2009 Overseas Contingency Operations (OCO) request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2009 OCO (\$0.2M) procures an additional 296,000 feet of inert detonating cord. This requirement is based on operational expenditures and support approved Army ammunition warfighter requirements.</p> <p>TYPE CLASSIFICATION DATE: 1958</p>										

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CORD DETONATING INERT (E54200)			Weapon System Type:		Date: March 2009
AMMO Cost Elements		ID	FY 07			FY 08			FY 09	
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000
OVERSEAS CONTINGENCY OPERATIONS										
Inert Detonating Cord (Qty in feet)									197	296
SubTotal AMMO Hardware									197	
PRODUCTION SUPPORT COSTS										
Quality Assurance									3	
SubTotal Prod. Support									3	
SUBTOTAL OCO REQUEST									200	
Total:									200	1

Exhibit P-5a, Budget Procurement History and Planning											Date: March 2009	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: CORD DETONATING INERT (E54200)							
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
Inert Detonating Cord (Qty in feet) FY 2009 OCO		To Be Selected		C/FP	Rock Island, IL	Aug 09	Jun 10	296	1			
REMARKS:												

FY 09 / 10 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE CORD DETONATING INERT (E54200)										Date: March 2009														
COST ELEMENTS						Fiscal Year 09														Fiscal Year 10														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 09											Calendar Year 10														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Inert Detonating Cord (Qty in feet)																																		
1	FY 09 OCO	A	296	0	296											A													296					0
Total			296		296																									296				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																		
						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																					
1	To Be Selected	250	1000	2500			8	8	10	18																								
							6	6	7	13																								
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>																		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature GRENADES, ALL TYPES (E34000)																					
Program Elements for Code B Items:			Code:		Other Related Program Elements:																					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog																
Proc Qty																										
Gross Cost				10.0						10.0																
Less PY Adv Proc																										
Plus CY Adv Proc																										
Net Proc P1				10.0						10.0																
Initial Spares																										
Total Proc Cost				10.0						10.0																
Flyaway U/C																										
Weapon System Proc U/C																										
<p>Description: This budget line includes Grenades, All Types.</p> <p>Justification:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%; text-align: right;">OIF</td> <td style="width: 15%; text-align: right;">OEF</td> <td style="width: 15%; text-align: right;">Total</td> </tr> <tr> <td>FY 2009 OCO Requirement:</td> <td style="text-align: right;">\$6.000 Million</td> <td style="text-align: right;">\$4.000 Million</td> <td style="text-align: right;">\$10.000 Million</td> </tr> <tr> <td>FY 2009 Bridge Enacted**:</td> <td style="text-align: right;">\$0.000 Million</td> <td style="text-align: right;">\$0.000 Million</td> <td style="text-align: right;">\$ 0.000 Million</td> </tr> <tr> <td>FY 2009 Remaining OCO Request:</td> <td style="text-align: right;">\$6.000 Million</td> <td style="text-align: right;">\$4.000 Million</td> <td style="text-align: right;">\$10.000 Million</td> </tr> </table>												OIF	OEF	Total	FY 2009 OCO Requirement:	\$6.000 Million	\$4.000 Million	\$10.000 Million	FY 2009 Bridge Enacted**:	\$0.000 Million	\$0.000 Million	\$ 0.000 Million	FY 2009 Remaining OCO Request:	\$6.000 Million	\$4.000 Million	\$10.000 Million
	OIF	OEF	Total																							
FY 2009 OCO Requirement:	\$6.000 Million	\$4.000 Million	\$10.000 Million																							
FY 2009 Bridge Enacted**:	\$0.000 Million	\$0.000 Million	\$ 0.000 Million																							
FY 2009 Remaining OCO Request:	\$6.000 Million	\$4.000 Million	\$10.000 Million																							

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: GRENADES, ALL TYPES (E34000)			Weapon System Type:		Date: March 2009
AMMO Cost Elements		ID	FY 07			FY 08			FY 09	
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000
OVERSEAS CONTINGENCY OPERATIONS										
E93500 Grenade, Rifle Entry Mun M100(ea)									9500	9001
E34005 Gren, Hand, Smoke, Visual, FOG									500	1
Subtotal OCO Request									10000	
Total:									10000	

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature GRENADE HAND SMOKE VISUAL RESTRICTED TERRAIN XM106 (E34005)					
Program Elements for Code B Items:			Code: B		Other Related Program Elements:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				1						1
Gross Cost				0.5						0.5
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				0.5						0.5
Initial Spares										
Total Proc Cost				0.5						0.5
Flyaway U/C										
Weapon System Proc U/C										
<p>Description: The XM106 Smoke Obscuration Device - Visual Restricted is a hand thrown device that produces a smoke screen in seconds. It is used by dismounted troops to conceal movement. This item is code B, not approved for service use. Approved for use by contingency forces only.</p> <p>Justification: FY 2009 Overseas Contingency Operations request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces and enhancing military capabilities. The FY 2009 OCO (\$0.5M) procures 957 XM106 grenades. The requirement is based on operational expenditures and support approved Army warfighter requirements.</p>										

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: GRENADE HAND SMOKE VISUAL RESTRICTED TERRAIN XM106 (E34005)			Weapon System Type:		Date: March 2009	
AMMO Cost Elements		ID CD	FY 07			FY 08			FY 09		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 2009 OCO HARDWARE											
Complete Grenade									200	957	0.2
SubTotal Hardware									200		
PRODUCTION SUPPORT COSTS											
Production Engineering									95		
Quality Assurance									5		
SubTotal Prod. Support									100		
NON RECURRING COSTS											
Production Verification Test									100		
First Article Test									100		
SubTotal Non-Recurring Costs									200		
Total:									500		

Exhibit P-5a, Budget Procurement History and Planning											Date: March 2009	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: GRENADE HAND SMOKE VISUAL RESTRICTED TERRAIN XM106 (E34005)							
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
Complete Grenade FY 2009 OCO		Pine Bluff Arsenal Pine Bluff, AR		WO/CR	APG, Aberdeen MD	Aug 09	Sep 10	957	209			
REMARKS: Low rate initial production												

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature GRENADE RIFLE ENTRY MUNITION, M100 (E93500)					
Program Elements for Code B Items:			Code: A		Other Related Program Elements:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				9001						9001
Gross Cost				9.5						9.5
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				9.5						9.5
Initial Spares										
Total Proc Cost				9.5						9.5
Flyaway U/C										
Weapon System Proc U/C										
<p>Description: Grenade Rifle Entry Munitions (GREM) is a lightweight, muzzle-launched, breaching munitions fired from M16 series Rifles or M4 series Carbines using standard M855 or M856 ammunition. It is fired at a distance of 15 to 40 meters, arming at approximately 15 meters, to breach locked doors or windows with minimal hazard to operator. Overpressure caused by explosion will cause breaching of either wood or metal clad exterior doors. The GREM provides friendly forces the necessary capability to gain access into sealed buildings during urban operations from a safe distance, without risk to enemy fire. This item is Code A, approved for service use.</p> <p>Justification: This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals.</p> <p>FY 2009 Overseas Contingency Operations (OCO) request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2009 OCO (\$9.5 million) procures an additional 9,001 tactical GREMs. This requirement is based on operational expenditures and supports approved Army ammunition warfighter requirements.</p> <p>TYPE CLASSIFICATION DATE: JUN 2002</p>										

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: GRENADE RIFLE ENTRY MUNITION, M100 (E93500)			Weapon System Type:		Date: March 2009
AMMO Cost Elements		ID	FY 07			FY 08			FY 09	
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each
FY09 OCO HARDWARE										
Grenade Rifle Entry Munition (GREM)									9500	9001
SubTotal AMMO Hardware									9500	
Total:									9500	1.359

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: March 2009</div> </div>											
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: GRENADE RIFLE ENTRY MUNITION, M100 (E93500)						
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
FY09 OCO HARDWARE FY 2009 OCO HARDWARE	Rafael Armament Development Haifa, Israel		SS/OPT	Picatinny Arsenal, NJ	Aug 09	May 10	9001	1055			
REMARKS:											

<div> <div>FY 09 / 10 BUDGET PRODUCTION SCHEDULE</div> <div> <div>P-1 ITEM NOMENCLATURE</div> <div>GRENADE RIFLE ENTRY MUNITION, M100 (E93500)</div> </div> <div> <div>Date:</div> <div>March 2009</div> </div> </div>																																		
COST ELEMENTS						Fiscal Year 09														Fiscal Year 10														Later
MFR	FY	SERV	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 09											Calendar Year 10														
						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 09 OCO	A	9001.0	0.0	9001.0											A												1000.0	1000.0	1000.0	1000.0	1000.0	4001.0	
Total			9001.0		9001.0																							1000.0	1000.0	1000.0	1000.0	1000.0	4001.0	
						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 1	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	Rafael Armament Development, Haifa, Israel					300.0	500.0	1500.0		1	Initial	7	8		12	20																	
											Reorder	0	9	12		21																		
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								

FY 11 / 12 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE GRENADE RIFLE ENTRY MUNITION, M100 (E93500)										Date: March 2009										
COST ELEMENTS						Fiscal Year 11										Fiscal Year 12										Later				
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 11										Calendar Year 12														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P
HARDWARE																														
1	FY 09 OCO	A	9001.0	5000.0	4001.0	1000.0	1000.0	1000.0	1000.0	1.0																				0.0
Total			9001.0	5000.0	4001.0	1000.0	1000.0	1000.0	1000.0	1.0																				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR 1		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct				
1	Rafael Armament Development, Haifa, Israel	300.0	500.0	1500.0				Initial	7	8	12	20	
							Reorder	0	9	12	21		
							Initial						
							Reorder						
							Initial						
							Reorder						
							Initial						
							Reorder						
							Initial						
							Reorder						

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>																		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature SIMULATORS, ALL TYPES (E51200)																					
Program Elements for Code B Items:			Code:		Other Related Program Elements:																					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	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: This budget line includes Simulators, All Types.</p> <p>Justification:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 15%; text-align: right;">OIF</td> <td style="width: 15%; text-align: right;">OEF</td> <td style="width: 15%; text-align: right;">Total</td> </tr> <tr> <td>FY 2009 OCO Requirement:</td> <td style="text-align: right;">\$1.800 Million</td> <td style="text-align: right;">\$1.200 Million</td> <td style="text-align: right;">\$ 3.000 Million</td> </tr> <tr> <td>FY 2009 Bridge Enacted**:</td> <td style="text-align: right;">\$0.000 Million</td> <td style="text-align: right;">\$0.000 Million</td> <td style="text-align: right;">\$ 0.000 Million</td> </tr> <tr> <td>FY 2009 Remaining OCO Request:</td> <td style="text-align: right;">\$1.800 Million</td> <td style="text-align: right;">\$1.200 Million</td> <td style="text-align: right;">\$ 3.000 Million</td> </tr> </table>												OIF	OEF	Total	FY 2009 OCO Requirement:	\$1.800 Million	\$1.200 Million	\$ 3.000 Million	FY 2009 Bridge Enacted**:	\$0.000 Million	\$0.000 Million	\$ 0.000 Million	FY 2009 Remaining OCO Request:	\$1.800 Million	\$1.200 Million	\$ 3.000 Million
	OIF	OEF	Total																							
FY 2009 OCO Requirement:	\$1.800 Million	\$1.200 Million	\$ 3.000 Million																							
FY 2009 Bridge Enacted**:	\$0.000 Million	\$0.000 Million	\$ 0.000 Million																							
FY 2009 Remaining OCO Request:	\$1.800 Million	\$1.200 Million	\$ 3.000 Million																							

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: SIMULATORS, ALL TYPES (E51200)			Weapon System Type:		Date: March 2009
AMMO Cost Elements		ID	FY 07			FY 08			FY 09	
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000
OVERSEAS CONTINGENCY OPERATIONS										
E49700 SIMULATOR PROJ GND BURST M115A2									3000	163
SUBTOTAL OCO REQUEST									3000	
Total:									3000	18

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature SIMULATOR PROJ GND BURST M115A2 (E49700)					
Program Elements for Code B Items:			Code: A		Other Related Program Elements:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				163						163
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 M115A2 Ground Burst Projectile Simulator is a hand-thrown pyrotechnic device that is used to provide realistic battlefield effects in training. It emits a whistle sound that imitates incoming artillery, followed by a flash and bang that simulates an artillery ground burst. This item is code A, approved for service use.</p> <p>Justification: FY 2009 Overseas Contingency Operations (OCO) request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2009 OCO (\$3.0M) procures an additional 163,000 M115A2 simulators. This requirement is based on operational expenditures and support approved Army ammunition warfighter requirements.</p>										

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition		P-1 Line Item Nomenclature: SIMULATOR PROJ GND BURST M115A2 (E49700)			Weapon System Type:		Date: March 2009		
AMMO Cost Elements		ID	FY 07			FY 08			FY 09		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2009 OVERSEAS CONTINGENCY OPERATIONS											
Complete Simulator									3000	163	18
SUBTOTAL OCO REQUEST									3000		
Total:									3000		18

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: March 2009</div> </div>											
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: SIMULATOR PROJ GND BURST M115A2 (E49700)						
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
FY 2009 OVERSEAS CONTINGENCY OPERATIONS FY 2009	Pyrotechnique by Grucci Inc Radford, VA		C/OPT	Rock Island, IL	Aug 09	Mar 11	163	18			
REMARKS:											

FY 09 / 10 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE SIMULATOR PROJ GND BURST M115A2 (E49700)										Date: March 2009														
COST ELEMENTS						Fiscal Year 09														Fiscal Year 10														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 09											Calendar Year 10														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Complete Simulator																																		
1	FY 09 OCO	A	163	0	163											A																163		
Total			163		163																											163		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR			ADMIN LEAD TIME		MFR After 1 Oct		TOTAL After 1 Oct		REMARKS															
						MIN	1-8-5	MAX					Prior 1 Oct	After 1 Oct																				
1	Pyrotechnique by Grucci Inc, Radford, VA					5	30	60		1	Initial		6	8	18	26																		
											Reorder		6	6	12	18																		
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>																		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature Non-Lethal Ammunition, All Types (E91901)																					
Program Elements for Code B Items:			Code:		Other Related Program Elements:																					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog																
Proc Qty																										
Gross Cost				1.8						1.8																
Less PY Adv Proc																										
Plus CY Adv Proc																										
Net Proc P1				1.8						1.8																
Initial Spares																										
Total Proc Cost				1.8						1.8																
Flyaway U/C																										
Weapon System Proc U/C																										
<p>Description: This budget line item procures Non-Lethal Ammunition, All Types.</p> <p>Justification:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: right;">OIF</td> <td style="width: 20%; text-align: right;">OEF</td> <td style="width: 40%; text-align: right;">Total</td> </tr> <tr> <td>FY 2009 OCO Requirement:</td> <td style="text-align: right;">\$28.980 Million</td> <td style="text-align: right;">\$19.320 Million</td> <td style="text-align: right;">\$48.300 Million</td> </tr> <tr> <td>FY 2009 Bridge Enacted**:</td> <td style="text-align: right;">\$27.900 Million</td> <td style="text-align: right;">\$18.600 Million</td> <td style="text-align: right;">\$46.500 Million</td> </tr> <tr> <td>FY 2009 Remaining OCO Request:</td> <td style="text-align: right;">\$1.080 Million</td> <td style="text-align: right;">\$.720 Million</td> <td style="text-align: right;">\$1.800 Million</td> </tr> </table>												OIF	OEF	Total	FY 2009 OCO Requirement:	\$28.980 Million	\$19.320 Million	\$48.300 Million	FY 2009 Bridge Enacted**:	\$27.900 Million	\$18.600 Million	\$46.500 Million	FY 2009 Remaining OCO Request:	\$1.080 Million	\$.720 Million	\$1.800 Million
	OIF	OEF	Total																							
FY 2009 OCO Requirement:	\$28.980 Million	\$19.320 Million	\$48.300 Million																							
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FY 2009 Remaining OCO Request:	\$1.080 Million	\$.720 Million	\$1.800 Million																							

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: Non-Lethal Ammunition, All Types (E91901)			Weapon System Type:		Date: March 2009
AMMO Cost Elements		ID	FY 07			FY 08			FY 09	
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000
OVERSEAS CONTINGENCY OPERATIONS										
E89001 NL 12GA Shotgun ER Marking XM1091									1200	37
E86401 NL 12GA Shotgun ER Marking XM1092									600	49
Subtotal OCO Request									1800	
Total:									1800	

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature NON-LETHAL 12 GAUGE, SHOTGUN, ER, MARKING (XM1092) (E86401)					
Program Elements for Code B Items:			Code: <div style="text-align: center;">B</div>		Other Related Program Elements:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				49						49
Gross Cost				0.6						0.6
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				0.6						0.6
Initial Spares										
Total Proc Cost				0.6						0.6
Flyaway U/C										
Weapon System Proc U/C										
<p>Description: The 12-Gauge Drag Stabilized Extended Range Marking Round is a translucent 12-gauge shell loaded with a 40 gram, tear shaped bag constructed of cotton and ballistic material blend, covered in fluorescent green marking powder, and filled with #9 shot. This design utilizes four (4) stabilizing tails for improved accuracy and sustained energy over a longer range. The 12-gauge Drag Stabilized Extended Range Marking Round utilizes smokeless powder as the propellant. The 12-Gauge Drag Stabilized Extended Range Marking round is intended to be direct fired at subjects beyond 40 meters. It proves most successful for incapacitation when used within its optimal energy range of approximately 40 to 70 meters. The round can also be deployed in crowd control situations to protect the riot line, cover or enhance chemical munitions, or target and mark specific agitators and organizers of the crowd. This munitions is authorized for use by contingency forces. This item is Code B, approved for limited use.</p> <p>Justification: FY 2009 Overseas Contingency Operations (OCO) request procures additional assets to prosecute the OCO by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2009 OCO (\$0.6M) procures an additional 49,000 rounds. This requirement is based on operational expenditures and support approved Army ammunition warfighter requirements.</p>										

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: NON-LETHAL 12 GAUGE, SHOTGUN, ER, MARKING (XM1092) (E86401)			Weapon System Type:		Date: March 2009	
AMMO Cost Elements		ID CD	FY 07 Total CostQtyUnit Cost			FY 08 Total CostQtyUnit Cost			FY 09 Total CostQtyUnit Cost		
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
OVERSEAS CONTINGENCY OPERATIONS											
NL 12 Ga Shotgun ER Marking, XM1092									176	49	4
SubTotal AMMO Hardware									176		
PRODUCTION SUPPORT COSTS											
Production Engineering									396		
Quality Assurance									7		
Acceptance Testing									12		
SubTotal Prod. Support									415		
COST - Nonrecurring											
New Equipment Training									9		
SubTotal COST - Nonrecurring									9		
Total:									600		12

Exhibit P-5a, Budget Procurement History and Planning											Date: March 2009	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: NON-LETHAL 12 GAUGE, SHOTGUN, ER, MARKING (XM1092) (E86401)							
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
OVERSEAS CONTINGENCY OPERATIONS FY 2009		Defense Technology Caspar, WY		C/OPT	Picatinny, NJ	Aug 09	Aug 10	49	4			
REMARKS: New Base +4yr contract award Apr 07.												

FY 11 / 12 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE NON-LETHAL 12 GAUGE, SHOTGUN, ER, MARKING (XM1092) (E86401)										Date: March 2009										
COST ELEMENTS						Fiscal Year 11												Fiscal Year 12												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 11												Calendar Year 12												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
NL 12 Ga Shotgun ER Marking, XM1092																														
1	FY 09 OCO	A	49	20	29	14	15																							0
Total			49	20	29	14	15																							
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct			
1	Defense Technology, Caspar, WY	10	100	200		1	Initial	8	8	15	23	
							Reorder	6	6	12	18	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>																						
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 2 / Ammunition production base support					P-1 Item Nomenclature Conventional Munitions Demilitarization, All Types (EP1700)																									
Program Elements for Code B Items:			Code:		Other Related Program Elements:																									
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog																				
Proc Qty																														
Gross Cost				9.8						9.8																				
Less PY Adv Proc																														
Plus CY Adv Proc																														
Net Proc P1				9.8						9.8																				
Initial Spares																														
Total Proc Cost				9.8						9.8																				
Flyaway U/C																														
Weapon System Proc U/C																														
<p>Description: The Conventional Ammunition Demilitarization program funds the demilitarization and disposal of conventional ammunition that is unserviceable, obsolete, unsafe, or excess to requirements.</p> <table style="width: 100%; margin-top: 20px;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: right;">OIF</td> <td style="width: 20%; text-align: right;">OEF</td> <td style="width: 20%; text-align: right;">Total</td> <td style="width: 20%;"></td> </tr> <tr> <td>FY 2009 OCO Requirement:</td> <td style="text-align: right;">\$9.800 Million</td> <td style="text-align: right;">\$0.000 Million</td> <td style="text-align: right;">\$9.800 Million</td> <td></td> </tr> <tr> <td>FY 2009 Bridge Enacted**:</td> <td style="text-align: right;">\$0.000 Million</td> <td style="text-align: right;">\$0.000 Million</td> <td style="text-align: right;">\$0.000 Million</td> <td></td> </tr> <tr> <td>FY 2009 Remaining OCO Request:</td> <td style="text-align: right;">\$9.800 Million</td> <td style="text-align: right;">\$0.000 Million</td> <td style="text-align: right;">\$9.800 Million</td> <td></td> </tr> </table>												OIF	OEF	Total		FY 2009 OCO Requirement:	\$9.800 Million	\$0.000 Million	\$9.800 Million		FY 2009 Bridge Enacted**:	\$0.000 Million	\$0.000 Million	\$0.000 Million		FY 2009 Remaining OCO Request:	\$9.800 Million	\$0.000 Million	\$9.800 Million	
	OIF	OEF	Total																											
FY 2009 OCO Requirement:	\$9.800 Million	\$0.000 Million	\$9.800 Million																											
FY 2009 Bridge Enacted**:	\$0.000 Million	\$0.000 Million	\$0.000 Million																											
FY 2009 Remaining OCO Request:	\$9.800 Million	\$0.000 Million	\$9.800 Million																											

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 2 / Ammunition production base support				P-1 Line Item Nomenclature: Conventional Munitions Demilitarization, All Types (EP1700)			Weapon System Type:		Date: March 2009			
	AMMO Cost Elements				ID CD	FY 07			FY 08			FY 09	
					Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
					\$000	Tons	\$000	\$000	Tons	\$000	\$000	Tons	\$000
FY 2009 OCO Request													
EP1800-Conventional Ammo Demil (SMCA)											9800		
Subtotal Overseas Contingency Operations											9800		
Total:											9800		

Exhibit P-40, Budget Item Justification Sheet								Date: <div style="text-align: right;">March 2009</div>		
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 2 / Ammunition production base support					P-1 Item Nomenclature CONVENTIONAL AMMUNITION DEMILITARIZATION (SMCA) (EP1800)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:					
	Prior Years	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty										
Gross Cost				9.8						9.8
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				9.8						9.8
Initial Spares										
Total Proc Cost				9.8						9.8
Flyaway U/C										
Weapon System Proc U/C										
<p>Description: The Conventional Ammunition Demilitarization program funds the demilitarization and disposal of conventional ammunition that is unserviceable, obsolete, unsafe, or excess to requirements. The program accomplishes demilitarization using closed disposal technologies with primary emphasis on resource recovery and recycling, and open burning/open detonation (OB/OD) processes. This program funds movement of ammunition for demilitarization and technical support for demil projects at various installations and the commercial contracts for closed disposal of demilitarization ammunition.</p> <p>Justification: FY 2009 Overseas Contingency Operations (OCO) request demilitarizes an additional 4,048 tons of conventional ammunition that must be retrograded from the Area of Operations. Additionally, funds will be used to prepare the munitions for transportation and transport to their final disposal facility.</p>										

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 2 / Ammunition production base support			P-1 Line Item Nomenclature: CONVENTIONAL AMMUNITION DEMILITARIZATION (SMCA) (EP1800)				Weapon System Type:		Date: <div>March 2009</div>		
AMMO Cost Elements			ID	FY 07			FY 08			FY 09		
			CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
				\$000	Tons	\$000	\$000	Tons	\$000	\$000	\$000	
FY 2009 OCO Request			PCH									
OTHER DEMIL									7300	4048		
PACKAGING, CRATING, HANDLING, TRANSPORTA									2500			
Subtotal Overseas Contingency Operations									9800			
Total:									9800			