

DEPARTMENT OF THE ARMY

Procurement Programs



Committee Staff Procurement Backup Book
FY 2008 Global War On Terror Budget Estimate Submission Cost Adjustment

PROCUREMENT OF AMMUNITION, ARMY

APPROPRIATION

September 2007

DEPARTMENT OF THE ARMY
FISCAL YEAR (FY) 2008 PROCUREMENT OF AMMUNITION PROGRAM

EXHIBIT P-1
September 2007

Appropriation: ****AMMUNITION****

Activity: **1. **AMMUNITION****

LINE NO.	ITEM NOMENCLATURE	ID	(DOLS) FY 00 UNIT COST	(THOUSANDS OF DOLLARS)							
				FY 08 Baseline		GWOT Request		GWOT Cost Adjustment		FY08 Total	
				QTY	COST	QTY	COST	QTY	COST	QTY	COST
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	SMALL/MEDIUM CALIBER AMMUNITION										
2	CTG, 7.62MM, ALL TYPES (E02000)	A			68,045		10,000				78,045
4	CTG, .50 CAL, ALL TYPES (E08000)	A			179,466		13,500				192,966
6	CTG, 25MM, ALL TYPES (E08200)	A			29,243		15,000				44,243
7	CTG, 30MM, ALL TYPES (ER8120)	A			21,759		40,000				61,759
8	CTG, 40MM, ALL TYPES (ER8001)	A			208,504		75,000				283,504
					-----		-----				-----
	SUB-ACTIVITY TOTAL				507,017		153,500				660,517
	ARTILLERY AMMUNITION										
15	CTG, ARTY, 105MM, ALL TYPES				41,965		10,000				51,965
18	MODULAR ARTILLERY CHARGE SYSTEM (MACS) (E27501)				60,076		20,000				80,076
					-----		-----				-----
	SUB-ACTIVITY TOTAL				102,041		30,000				132,041
	ROCKETS										
24	SHOULDER FIRED ROCKETS, ALL TYPES (EA4000)				29,453		20,000				49,453
25	ROCKET, HYDRA 70, ALL TYPES (E34000)				137,861		28,000				165,861
					-----		-----				-----
	SUB-ACTIVITY TOTAL				167,314		48,000				215,314

DEPARTMENT OF THE ARMY
FISCAL YEAR (FY) 2008 PROCUREMENT OF AMMUNITION PROGRAM

EXHIBIT P-1
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Appropriation: ****AMMUNITION****

Activity: 1. ****AMMUNITION****

LINE NO.	ITEM NOMENCLATURE	ID	(DOLS) FY 00 UNIT COST								
				FY 08 Baseline		GWOT Request		GWOT Cost Adjustment		FY08 Total	
				QTY	COST	QTY	COST	QTY	COST	QTY	COST
(1)	(2)			(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	OTHER AMMUNITION										
26	DEMOLITION MUNITIONS, ALL TYPES (E55400)	A			30,945		8,000				38,945
27	GRENADES, ALL TYPES (E34000)	B			72,392		10,000				82,392
29	SIMULATORS, ALL TYPES (E51200)	A			21,608		8,000				29,608
	SUB-ACTIVITY TOTAL				124,945		26,000				150,945
	MISCELLANEOUS										
31	NON-LETHAL AMMUNITION, ALL TYPES (E91901)	A			25,241		54,000				79,241
33	ITEMS LESS THAN \$5 MILLION (EA0055)	A			6,564		1,500				8,064
	SUB-ACTIVITY TOTAL				31,805		55,500				87,305
	PRODUCTION BASE SUPPORT										
38	PROVISION OF INDUSTRIAL FACILITES (EP1000)				143,708				200,600		344,308
	SUB-ACTIVITY TOTAL				143,708		0		200,600		344,308
	ACTIVITY TOTAL				933,122		313,000		200,600		1,590,430

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Exhibit P-40, Budget Item Justification Sheet									Date: September 2007		
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 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				78.0							78.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				78.0							78.0
Initial Spares											
Total Proc Cost				78.0							78.0
Flyaway U/C											
Weapon System Proc U/C											
Description: This budget line includes 7.62MM ALL TYPES. FY 2008 Base Appropriation - \$68.0 million FY 2008 Global War on Terrorism (GWOT) - \$10.0 million FY 2008 Total - \$78.0 million											

Exhibit P-5, Weapon AMMO Cost Analysis													
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Line Item Nomenclature: CTG, 7.62MM, ALL TYPES (E02000)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG 7.62MM BLANK M82 LINKED/M13								12918	20186	0.64			
CTG 7.62MM BALL M80 LINKED/M13								5670	8955	0.64			
CTG 7.62MM 4 BALL/1 TRACER F/MINIGUN								4374	8125	0.54			
CTG 7.62MM 4 BALL/1 TRACER F/OHF								1270	2761	0.46			
CTG 7.62MM M118 LONG RANGE								3712	6120	0.61			
CTG 7.62MM ARMOR PIERCING M993								20000	11439	1.75			
CTG 7.62MM 4 BALL/1 TRACER LINKED								26121	34871	0.75			
CTG 7.62MM SR TRG 4BALL/1TR M973/M974								3980	4654	0.86			
Total:								78045					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</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 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				11439							11439
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 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 2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$10.0 million) procures an additional 5.787 million cartridges. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter 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: CTG 7.62MM ARMOR PIERCING M993 (F47500)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 08 BASE APPROPRIATION													
AMMUNITION HARDWARE													
LOAD, ASSEMBLE, PACK								1484	5652	0.26			
M993 7.62MM AP PENETRATOR								8175	4522	1.81			
H/W SUBTOTAL								9659					
PRODUCTION SUPPORT COSTS													
PRODUCTION ENGINEERING								341					
PROD SUPPORT SUBTOTAL								341					
FY 08 GWOT													
AMMUNITION HARDWARE													
LOAD, ASSEMBLE, PACK								1519	5787	0.26			
M993 7.62MM AP PENETRATOR								8481	4691	1.81			
H/W SUBTOTAL								10000					
Total:								20000		1.75			

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: September 2007</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 08 BASE APPROPRIATION LOAD, ASSEMBLE, PACK FY 2008 M993 7.62MM AP PENETRATOR FY 2008 FY 08 GWOT LOAD, ASSEMBLE, PACK FY 2008 M993 7.62MM AP PENETRATOR FY 2008	Alliant Tech (LCAAP) Independence, MO Nordic Ammo Co (NAMMO) Karlsborg, Sweden Alliant Tech (LCAAP) Independence, MO Nordic Ammo Co (NAMMO) Karlsborg, Sweden		SS/FP SS/OPT SS/FP SS/OPT	ROCK ISLAND, IL ROCK ISLAND, IL ROCK ISLAND, IL ROCK ISLAND, IL	Mar 08 Nov 07 Mar 08 Nov 07	Jan 09 Sep 08 Jan 09 Sep 08	5652 4522 5787 4691	0.26 1.81 0.26 1.81	Y Y Y Y		
REMARKS:											

<div> <div> FY 08 / 09 BUDGET PRODUCTION SCHEDULE </div> <div> P-1 ITEM NOMENCLATURE CTG 7.62MM ARMOR PIERCING M993 (F47500) </div> <div> Date: September 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														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 08														Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
LOAD, ASSEMBLE, PACK																																		
1	FY 08	A	5.65	0.00	5.65						A										0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	1.15				
1	FY 08	AF	0.58	0.00	0.58																0.10	0.10	0.10	0.10	0.10	0.08				0.00				
1	FY 08	NS	0.10	0.00	0.10																0.10									0.00				
1	FY 08	SOF	0.48	0.00	0.48																0.10	0.10	0.10	0.10	0.08					0.00				
LOAD, ASSEMBLE, PACK																																		
1	FY 08 GWOT	A	5.79	0.00	5.79						A										0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	1.29				
Total			12.60		12.60																1.30	1.20	1.20	1.20	1.18	1.08	1.00	1.00	1.00	2.44				
						O C T	N O V	D E C	J A N	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 FY08 GWOT ALT 2-9-7-16																		
						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																					
1	Alliant Tech (LCAAP), Independence, MO		1.50	4.00			2	6	11	17																								
							2	6	7	13																								
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											

E02000 (F47500)	Item No. 2 Page 7 of 7	Exhibit P-21
CTG 7.62MM ARMOR PIERCING M993	7	Production Schedule

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</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 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	97.9				193.0						290.9
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	97.9				193.0						290.9
Initial Spares											
Total Proc Cost	97.9				193.0						290.9
Flyaway U/C											
Weapon System Proc U/C											
Description: This budget line includes .50 CAL ALL TYPES. FY 2008 Base Appropriation: \$179.5 million FY 2008 GWOT Request: \$13.5 million FY 2008 GWOT Cost Adjustment Request: \$0.0 million FY 2008 Total - \$193.0 million											

Exhibit P-5, Weapon AMMO Cost Analysis													
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Line Item Nomenclature: CTG, .50 CAL, ALL TYPES (E08000)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG CAL .50 BALL M33 W/M9 LINK								20556	9029	2.28			
CTG CAL .50 4 BALL/1 TRACER W/M9 LINK								71431	28561	2.51			
CTG CAL .50 SLAP-T M903 (M962 TRACER)								21700	1712	12.06			
CTG CAL .50 API MK211 MOD 0 MULTI SNGL								433	52	8.33			
CTG CAL .50 BLANK M1A1 LKD W/M9 LNK								17910	13862	1.30			
CTG CAL .50 SLAP-T M962								3130	217	14.42			
CTG CAL .50 SHORT RG LINKED 4/1								3505	1208	2.90			
CTG CAL .50 SNIPER XM1022								2501	710	3.52			
CTG CAL .50 LKD 4 API 1 API T / WM9 LINK								51300	20447	2.51			
CTG CAL .50 HIGH PRESSURE TEST								500	147	3.30			
Total:								192966					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</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 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				20447							20447
Gross Cost				51.3							51.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				51.3							51.3
Initial Spares											
Total Proc Cost				51.3							51.3
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 2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$6.3 million) procures an additional 2.51 million cartridges. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter 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: CTG CAL .50 LINKED 4 API/1 API TRACER W/M9 LINK (E06903)			Weapon System Type:		Date: September 2007	
AMMO Cost Elements		ID	FY 06			FY 07			FY 08			FY 09		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 08 BASE APPROPRIATION														
AMMUNITION HARDWARE														
LOAD, ASSEMBLE, PACK									42852	17933	2.39			
BOX METAL M2A1									1980	183	10.83			
H/W SUBTOTAL									44832					
PRODUCTION SUPPORT COSTS														
PRODUCTION ENGINEERING									155					
QUALITY ASSURANCE									5					
ACCEPTANCE TESTING									8					
PROD SUPPORT SUBTOTAL									168					
FY 08 GWOT HARDWARE														
AMMUNITION HARDWARE														
LOAD, ASSEMBLE, PACK									6008	2514	2.39			
BOX METAL M2A1									292	27	10.83			
H/W SUBTOTAL									6300					
Total:									51300		2.51			

Exhibit P-5a, Budget Procurement History and Planning										Date: September 2007	
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 08 BASE APPROPRIATION											
LOAD, ASSEMBLE, PACK											
FY 2008	ALLIANT TECH (LCAAP) INDEPENDENCE, MO		SS/FP	ROCK ISLAND, IL	Jan 08	Oct 08	17933	2.39	Y		
BOX METAL M2A1											
FY 2008	BWAY CORPORATION ATLANTA, GA		C/OPT	ROCK ISLAND, IL	Mar 08	Sep 08	146	10.83	Y		
FY 2008	BEST FOAM FAB CHICAGO, IL		C/OPT	ROCK ISLAND, IL	Mar 08	Sep 08	37	10.83	Y		
FY 08 GWOT HARDWARE											
LOAD, ASSEMBLE, PACK											
FY 2008	ALLIANT TECH (LCAAP) INDEPENDENCE, MO		SS/FP	ROCK ISLAND, IL	Jan 08	Oct 08	2514	2.39	Y		
BOX METAL M2A1											
FY 2008	BWAY CORPORATION ATLANTA, GA		C/OPT	ROCK ISLAND, IL	Mar 08	Sep 08	22	10.83	Y		
FY 2008	BEST FOAM FAB CHICAGO, IL		C/OPT	ROCK ISLAND, IL	Mar 08	Sep 08	5	10.83	Y		
REMARKS:											

<div> <div> FY 08 / 09 BUDGET PRODUCTION SCHEDULE </div> <div> P-1 ITEM NOMENCLATURE CTG CAL .50 LINKED 4 API/1 API TRACER W/M9 LINK (E06903) </div> <div> Date: September 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														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 08														Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
LOAD, ASSEMBLE, PACK																																		
1	FY 08	A	17.93	0.03	17.90				A									1.50	1.50	1.40	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	0.00					
1	FY 08	AF	1.00	0.00	1.00				A									0.09	0.08	0.08	0.08	0.08	0.09	0.08	0.09	0.08	0.08	0.09	0.00					
1	FY 08	CG	0.77	0.00	0.77				A									0.07	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.06	0.06	0.07	0.00					
1	FY 08	MC	1.64	0.00	1.64				A									0.14	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.00					
1	FY 08	NS	1.60	0.00	1.60				A									0.20	0.19	0.19	0.19	0.19	0.20	0.19	0.19	0.06			0.00					
1	FY 08	SOF	0.50	0.00	0.50				A									0.05	0.04	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.00					
LOAD, ASSEMBLE, PACK																																		
1	FY 08 GWOT	A	2.51	0.00	2.51				A									0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.00					
Total			25.95	0.03	25.92													2.26	2.21	2.11	2.21	2.21	2.26	2.23	2.24	2.09	2.03	2.05	2.03					
						O C T	N O V	D E C	J A N	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	ALLIANT TECH (LCAAP), INDEPENDENCE, MO						1.15	3.96			Initial	6	4	9	13																			
										Reorder	0	9	9	18																				
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition						P-1 Item Nomenclature CTG CAL .50 HIGH PRESSURE TEST (E07900)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				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 item consists of a special ball cartridge for use as weapon component and assembly acceptance test vehicle. Higher pressures are achieved through incorporation of a heavier ball projectile and propellant charge. This item is Code A, approved for service use.</p> <p>Justification: FY 2008 Global War on Terrorism (GWOT) cost adjustment funds procures additional assets to prosecute the GWOT by prove testing weapons during manufacture, test, or repair. FY 2008 (GWOT)(\$.500 million) procures an additional .147 million cartridges. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter requirements FY 2008 Base Appropriation: \$0.0 Million FY 2008 GWOT Request: \$0.0 Million FY 2008 GWOT Cost Adjustment Request: \$0.5 Million FY 2008 Total: \$0.5 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: CTG CAL .50 HIGH PRESSURE TEST (E07900)				Weapon System Type:		Date: September 2007		
AMMO Cost Elements		ID CD	FY 06 Total CostQtyUnit Cost		FY 07 Total CostQtyUnit Cost		FY 08 Total CostQtyUnit Cost			FY 09 Total CostQtyUnit Cost				
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 08 GWOT HARDWARE														
AMMUNITION HARDWARE														
Load, Assemble, and Pack								484	147	3.30				
Box Metal M2A1								16	1	10.83				
SubTotal AMMO Hardware								500						
Total:								500		3.41				

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: September 2007</div> </div>											
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: CTG CAL .50 HIGH PRESSURE TEST (E07900)						
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 08 GWOT HARDWARE Load, Assemble, and Pack FY 2008 Box Metal M2A1 FY 2008	ALLIANT TECH (LCAAP) INDEPENDENCE, MO BWAY CORPORATION ATLANTA, GA		SS/FP C/OPTION	ROCK ISLAND, IL ROCK ISLAND, IL	Jan 08 Mar 08	Oct 08 Sep 08	147 1	3.30 10.83	Y Y	 	
REMARKS:											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition						P-1 Item Nomenclature CTG CAL .50 SLAP M903 (SLAPT M962) (F88000)					
Program Elements for Code B Items:			Code: <div style="text-align: center;">A</div>		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				1712							1712
Gross Cost				21.7							21.7
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				21.7							21.7
Initial Spares											
Total Proc Cost				21.7							21.7
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 linked four M903 SLAP to one M962 tracer for use in the M2 Heavy Barrel Machine Gun. The item is Code A, approved for service use.</p> <p>Justification: FY 2008 Global War on Terrorism (GWOT) cost adjustment request procures additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$6.7 million) procures an additional .556 million cartridges. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter requirements.</p> <p>FY 2008 Base Appropriation: \$15.0 Million FY 2008 GWOT Request: \$ 7.2 Million FY 2008 GWOT Cost Adjustment Request: \$ 6.7 Million FY 2008 Total: \$21.7 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: CTG CAL .50 SLAP M903 (SLAPT M962) (F88000)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 08 BASE APPROPRIATION	A												
AMMUNITION HARDWARE													
COMPLETE ROUND								13941	1156	12.06			
H/W SUBTOTAL								13941					
PRODUCTION SUPPORT COSTS													
PRODUCTION ENGINEERING								1059					
PROD SUPPORT SUBTOTAL								1059					
FY 08 GWOT HARDWARE													
AMMUNITION HARDWARE													
COMPLETE ROUND								6700	556	12.06			
H/W SUBTOTAL							6700						
Total:								21700		12.66			

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: September 2007</div> </div>										
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: CTG CAL .50 SLAP M903 (SLAPT M962) (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 08 BASE APPROPRIATION FY 2008	Olin East Alton, IL	SS/OPT	Picatinny Arsenal, NJ	Dec 07	Nov 08	1156	12.06	Y		
FY 08 GWOT HARDWARE FY 2008	Olin East Alton, IL	SS/OPT	Picatinny Arsenal, NJ	Dec 07	Nov 08	556	12.06	Y		
REMARKS:										

<div> <div>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</div> <div> <div>P-1 ITEM NOMENCLATURE</div> <div>CTG CAL .50 SLAP M903 (SLAPT M962) (F88000)</div> </div> <div>Date: September 2007</div> </div>																																		
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 08											Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
COMPLETE ROUND																																		
1	FY 08 GWOT	A	556	0	556			A										50	50	50	50	50	50	50	50	50	50	50	6					
1	FY 08	A	1156	0	1156			A										100	100	100	100	100	100	100	100	100	100	100	125	31				
Total			1712		1712													150	150	150	150	150	150	150	150	150	150	150	175	37				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 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			Initial	3	5	12	17																			
										Reorder	3	3	11	14																				
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								

FY 10 / 11 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE CTG CAL .50 SLAP M903 (SLAPT M962) (F88000)										Date: September 2007														
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 10											Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
COMPLETE ROUND																																		
1	FY 08 GWOT	A	556	550	6	6																											0	
1	FY 08	A	1156	1125	31	31																											0	
Total			1712	1675	37	37																												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 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																							

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition						P-1 Item Nomenclature CTG, 25MM, ALL TYPES (E08200)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				44.2							44.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				44.2							44.2
Initial Spares											
Total Proc Cost				44.2							44.2
Flyaway U/C											
Weapon System Proc U/C											
Description: This budget line includes 25MM ALL TYPES. FY 2008 Base Appropriation - \$29.2 million FY 2008 Global War on Terrorism (GWOT) - \$15.0 million FY 2008 Total - \$44.2 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, 25MM, ALL TYPES (E08200)				Weapon System Type:	Date: September 2007
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG 25MM TP-T M793								14493	873	16.61			
CTG 25MM TPDS-T M910								14750	676	21.83			
CTG 25MM HEI-T M792								15000	284	52.82			
Total:								44243					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition						P-1 Item Nomenclature CTG 25MM HEI-T M792 (E08201)					
Program Elements for Code B Items:			Code: A		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				284							284
Gross Cost				15.0							15.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				15.0							15.0
Initial Spares											
Total Proc Cost				15.0							15.0
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The 25mm M792 is a High Explosive Incendiary (HEI-T) cartridge, fired from the M242 Bushmaster automatic cannon mounted on the Army's M2/M3-series of Bradley Fighting Vehicles (BFV) and the USMC LAV-25. The M792 provides lethality against structures and vehicles. The defeat mechanism of the M792 is an explosively loaded, naturally fragmenting warhead with incendiary charge. This item is Code A, approved for service use.</p> <p>Justification: FY 2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$15.0 million) procures an additional .284 million cartridges. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter 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: CTG 25MM HEI-T M792 (E08201)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 08 GWOT HARDWARE													
AMMUNITION HARDWARE													
LOAD, ASSEMBLE, PACK (LAP)								14210	284	50.04			
PA 125 CONTAINERS								540	12	45.00			
H/W SUBTOTAL								14750					
PRODUCTION SUPPORT COSTS													
PRODUCTION ENGINEERING								250					
PROD SUPPORT SUBTOTAL								250					
Total:								15000		52.82			

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: September 2007</div> </div>										
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: CTG 25MM HEI-T M792 (E08201)							
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
LOAD, ASSEMBLE, PACK (LAP) FY 2008	Alliant Tech System Anoka, MN	C/OPT	Picatinny Arsenal, NJ	Feb 08	Apr 09	284	50.04	Y		
PA 125 CONTAINERS FY 2008	Conco, Inc Louisville, KY	C/FP	Rock Island Arsenal, IL	Feb 08	Apr 09	12	45.00	Y		
REMARKS:										

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</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 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				61.8							61.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				61.8							61.8
Initial Spares											
Total Proc Cost				61.8							61.8
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: This budget line includes 30MM ALL TYPES.</p> <p>FY 2008 Base Appropriation - \$21.8 million FY 2008 Global War on Terrorism (GWOT) - \$40.0 million FY 2008 Total - \$61.8 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: CTG, 30MM, ALL TYPES (ER8120)				Weapon System Type:	Date: September 2007
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG 30MM TP M788								16159	880	18.37			
CTG 30MM HEDP M789								45600	595	76.63			
Total:								61759					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</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: A		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				595							595
Gross Cost				45.6							45.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				45.6							45.6
Initial Spares											
Total Proc Cost				45.6							45.6
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 2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$40.0 million) procures an additional .535 million cartridges. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter 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: CTG 30MM HEDP M789 (E09900)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 08 BASE APPROPRIATION													
AMMUNITION HARDWARE													
LOAD, ASSEMBLE, PACK (LAP)								4510	60	74.79			
H/W SUBTOTAL								4510					
PRODUCTION SUPPORT COSTS													
PRODUCTION ENGINEERING								1090					
PROD SUPPORT SUBTOTAL								1090					
FY 08 GWOT HARDWARE													
AMMUNITION HARDWARE													
LOAD, ASSEMBLE, PACK (LAP)								40000	535	74.79			
H/W SUBTOTAL								40000					
Total:								45600		76.63			

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: September 2007</div> </div>										
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
LOAD, ASSEMBLE, PACK (LAP) FY 2008	TO BE SELECTED	C/FP	ROCK ISLAND, IL	May 08	May 09	60	74.79	Y		
LOAD, ASSEMBLE, PACK (LAP) FY 2008 GWOT	TO BE SELECTED	C/FP	ROCK ISLAND, IL	May 08	May 09	535	74.79	Y		
REMARKS:										

FY 10 / 11 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE CTG 30MM HEDP M789 (E09900)										Date: September 2007														
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 10											Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
LOAD, ASSEMBLE, PACK (LAP)																																		
1	FY 08	A	60.00	60.00																											0.00			
LOAD, ASSEMBLE, PACK (LAP)																																		
1	FY 08 GWOT	A	535.00	240.00	295.00	60.00	60.00	60.00	60.00	55.00																					0.00			
Total			595.00	300.00	295.00	60.00	60.00	60.00	60.00	55.00																								
						O C T	N O V	D E C	J A N	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					8.00	24.00	72.00				6	6	12	18																			
												Initial																						
												Reorder																						
												Initial																						
												Reorder																						
												Initial																						
												Reorder																						
												Initial																						
												Reorder																						
												Initial																						
												Reorder																						

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</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 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				283.5							283.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				283.5							283.5
Initial Spares											
Total Proc Cost				283.5							283.5
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: This budget line includes 40MM ALL TYPES.</p> <p>FY 2008 Base Appropriation - \$208.5 million FY 2008 Global War on Terrorism (GWOT) - \$75.0 million FY 2008 Total - \$283.5 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: CTG, 40MM, ALL TYPES (ER8001)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG 40MM HEDP M430 F/MK19 MG								54902	1543	35.85			
CTG 40MM WHITE STAR PARA M583													
CTG 40MM PRACTICE M385A1													
CTG 40MM TP M918 LINKED F/MK 19MG								15082	543	27.78			
CTG 40MM PRACTICE M781								8210	1664	4.94			
CTG 40MM HEDP M433								1500	29	50.98			
CTG 40MM WHITE STAR CLUSTER M585								2500	68	36.76			
CTG 40MM MK281 PRACTICE LINKED FOR MK19								20000	738	27.10			
CTG 40MM CANNISTER M1001								9500	112	84.82			
CTG, 40MM PRACTICE M918/M385A1								168310	7	23.95			
CTG 40MM INFRARED ILLUM M992								3500	22	159.09			
Total:								283504					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</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 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				1543							1543
Gross Cost				54.9							54.9
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				54.9							54.9
Initial Spares											
Total Proc Cost				54.9							54.9
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 spitback, 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 2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$40.0 million) procures an additional 1.148 million cartridges. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter 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: CTG 40MM HEDP M430 F/MK19 MG (E11800)			Weapon System Type:		Date: September 2007			
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 08 BASE APPROPRIATION													
AMMUNITION HARDWARE													
COMPLETE ROUND								13747	395	34.83			
H/W SUBTOTAL								13747					
PRODUCTION SUPPORT COSTS													
PRODUCTION ENGINEERING								400					
QUALITY ASSURANCE								5					
PROD SUPPORT SUBTOTAL								405					
NON-RECURRING COSTS													
ENGINEERING INITIATIVES/IMPROVEMENTS								750					
NON-RECURRING SUBTOTAL								750					
FY 08 GWOT HARDWARE													
AMMUNITION HARDWARE													
COMPLETE ROUND								40000	1148	34.83			
H/W SUBTOTAL								40000					
Total:								54902		35.58			

Exhibit P-5a, Budget Procurement History and Planning										Date: September 2007		
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
COMPLETE ROUND												
FY 2008		AMTEC CORP Janesville, WI		C/OPT	ROCK ISLAND, IL	Mar 08	Aug 09	217	34.83	Y		
FY 2008		DSE INC, (BALIMOY) Tampa, FL		C/OPT	ROCK ISLAND, IL	Mar 08	Aug 09	178	34.83	Y		
COMPLETE ROUND												
FY 2008 GWOT		AMTEC CORP Janesville, WI		C/OPT	ROCK ISLAND, IL	Mar 08	Aug 09	631	34.83	Y		
FY 2008 GWOT		DSE INC, (BALIMOY) Tampa, FL		C/OPT	ROCK ISLAND, IL	Mar 08	Aug 09	517	34.83	Y		
REMARKS: THIS IS AN AVERAGE UNIT COST FOR MULTIPLE PRODUCERS.												

<div> <div>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</div> <div> P-1 ITEM NOMENCLATURE CTG 40MM HEDP M430 F/MK19 MG (E11800) </div> <div> Date: September 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														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 08											Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
COMPLETE ROUND																																		
1	FY 08	A	0.22	0.00	0.22							A																		0.11	0.11	0.00		
2	FY 08	A	0.18	0.00	0.18							A																		0.09	0.09	0.00		
1	FY 08	AF	0.06	0.00	0.06																									0.06		0.00		
2	FY 08	AF	0.05	0.00	0.05																									0.05		0.00		
1	FY 08	MC	0.30	0.00	0.30																									0.15	0.15	0.00		
2	FY 08	MC	0.25	0.00	0.25																									0.13	0.12	0.00		
COMPLETE ROUND																																		
1	FY 08 GWOT	A	0.63	0.00	0.63							A																		0.32	0.31	0.00		
2	FY 08 GWOT	A	0.52	0.00	0.52							A																		0.26	0.26	0.00		
Total			2.21		2.21																									1.17	1.04			
						O C T	N O V	D E C	J A N	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	AMTEC CORP, Janesville, WI					269.00	320.00	500.00		1	Initial	6	6	19	25																			
											Reorder	6	6	17	23																			
2	DSE INC, (BALIMOY), Tampa, FL					269.00	320.00	500.00		2	Initial	6	6	19	25																			
											Reorder	6	6	17	23																			
												Initial																						
												Reorder																						
												Initial																						
												Reorder																						
												Initial																						
												Reorder																						

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature CTG 40MM WHITE STAR CLUSTER M585 (E12100)						
Program Elements for Code B Items:			Code: A		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				68							68
Gross Cost				2.5							2.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				2.5							2.5
Initial Spares											
Total Proc Cost				2.5							2.5
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The M585 White Star Cluster is a fixed round of ammunition consisting of a projectile and a cartridge case assembly. The projectile has a one-piece, hollow aluminum body with a rotating band. The cartridge is designed for illumination and signaling with less weight and bulk and greater accuracy than comparable hand-held signals. It is fired from M79 and M203 Grenade Launchers that are attached to the M16 Series rifle. This item is Code A, approved for service use.</p> <p>Justification: FY 2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$2.5 million) procures an additional .068 million cartridges. This requirement is based on operational expenditures and support approved Army ammunition war-fighter requirements.</p>											

Exhibit P-5, Weapon AMMO Cost Analysis													
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 08 GWOT HARDWARE													
AMMUNITION HARDWARE													
COMPLETE ROUND								2281	68	33.53			
H/W SUBTOTAL								2281					
PRODUCTION SUPPORT COSTS													
PRODUCTION ENGINEERING								215					
QUALITY ASSURANCE								4					
PROD SUPPORT SUBTOTAL								219					
Total:								2500		36.76			

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: September 2007</div> </div>											
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: CTG 40MM WHITE STAR CLUSTER M585 (E12100)						
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
COMPLETE ROUND FY 2008 GWOT	TO BE SELECTED		C/FP	ROCK ISLAND, IL	Mar 08	Jan 09	68	33.53	Y		
REMARKS:											

<div> <div>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</div> <div> P-1 ITEM NOMENCLATURE CTG 40MM WHITE STAR CLUSTER M585 (E12100) </div> <div> Date: September 2007 </div> </div>																														
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09										Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 08											Calendar Year 09										
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
COMPLETE ROUND																														
1	FY 08 GWOT	A	68	0	68						A										15	15	15	15	8				0	
Total			68		68																15	15	15	15	8					
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS														
						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																	
1	TO BE SELECTED						15	20			Initial	6	6	13	19															
										Reorder	6	6	10	16																
										Initial																				
										Reorder																				
										Initial																				
										Reorder																				
										Initial																				
										Reorder																				
										Initial																				
										Reorder																				

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition						P-1 Item Nomenclature CTG, 40MM, MK281 PRACTICE, LINKED FOR MK19 GMG (E71103)					
Program Elements for Code B Items:			Code: A		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				738							738
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 40mm MK281 Mod 0 Practice Cartridges are linked and are fired from the MK 19 Machine Gun. The MK281 utilizes a marking dye to provide the signature upon impact that is visible in daytime at ranges exceeding 1200 meters (2000 meters is desired). The cartridge consists of a steel, high-pressure chamber that is screwed into an aluminium cartridge case by means of a connector. The threaded connector shears at a pre-determined break point to provide a consistent projectile separation yielding a tighter dispersion pattern than current 40mm high-velocity ammunition. The projectile consists of a steel body fitted with a plastic rotating band. It has a plastic blue ogive with a metal capsule containing fine orange powder (aluminium oxide) and is closed with a steel disc. The plastic ogive is screwed into the steel body and sealed with an o-ring.</p> <p>Justification: FY 2008 Global War on Terrorism (GWOT) request procurs additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$20.0 million) procures an additional .738 million cartridges. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter 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: CTG, 40MM, MK281 PRACTICE, LINKED FOR MK19 GMG (E71103)			Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY08 GWOT HARDWARE													
AMMUNITION HARDWARE													
COMPLETE ROUND								19188	738	26.00			
H/W SUBOTAL								19188					
PRODUCTION SUPPORT COSTS													
PRODUCTION ENGINEERING								812					
PROD SUPPORT SUBTOTAL								812					
Total:								20000		27.10			

Exhibit P-5a, Budget Procurement History and Planning											Date: September 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: CTG, 40MM, MK281 PRACTICE, LINKED FOR MK19 GMG (E71103)							
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
COMPLETE ROUND FY 2008 GWOT	NICO PYROTECHNIK TRITTAU, GERMANY		SS/OPT	QUANTICO, VA	Jun 08	Dec 08	738	26.00	Y			
REMARKS:												

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition						P-1 Item Nomenclature CTG 40MM INFRARED ILLUM, M992 (E84500)					
Program Elements for Code B Items:			Code: A		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				22							22
Gross Cost				3.5							3.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				3.5							3.5
Initial Spares											
Total Proc Cost				3.5							3.5
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The M992 Cartridge is a 40mm Infrared Illuminating cartridge fired from the M203 Grenade Launcher. It is a fixed round of ammunition consisting of a projectile assembly and cartridge case assembly. The projectile has a 1-piece, hollow, aluminum body which contains a pyrotechnic flare candle and an integrated ignition/ejection charge attached to a 20-inch diameter parachute. The projectile has a 4-5 second ignition delay element. This cartridge is used to support night operations when night vision equipment is available. This is a new start for the Army. This item is Code A, approved for service use.</p> <p>Justification: FY 2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$3.5 million) procures an additional .022 million cartridges. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter 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: CTG 40MM INFRARED ILLUM, M992 (E84500)				Weapon System Type:		Date: September 2007	
AMMO Cost Elements		ID	FY 06			FY 07			FY 08			FY 09													
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost											
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$											
FY 08 GWOT HARDWARE																									
AMMUNITION HARDWARE																									
COMPLETE ROUND									3366	22	153.00														
H/W SUBTOTAL									3366																
PRODUCTION SUPPORT COSTS																									
PRODUCTION ENGINEERING									134																
PROD SUPPORT SUBTOTAL									134																
Total:									3500		159.09														

Exhibit P-5a, Budget Procurement History and Planning											Date: September 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: CTG 40MM INFRARED ILLUM, M992 (E84500)							
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
COMPLETE ROUND FY 2008 GWOT	ATK THIOKOL CORRINE, UT		SS/OPT	PICATINNY ARSENAL, NJ	Jun 08	Dec 08	22	153.00	Y			
REMARKS:												

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature AMMO 40MM CANNISTER M1001 (F00900)						
Program Elements for Code B Items:			Code: A		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				112							112
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: The 40mm M1001 Canister round is fired from the MK19 Mod 3 Grenade Machine Gun (GMG). It has been designed to provide effective anti-personnel capability at ranges less than 100m to counter the threat of ground forces that would disrupt rear area operations, destroy command and control facilities, operations, airfields, and special weapons and storage sites. The projectile uses ball powder as an expulsion charge that expels 113 heat-treated steel flechettes to the target. This item is Code A, approved for service use.</p> <p>Justification: FY 2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$9.0 million) procures an additional .106 million cartridges. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter 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: AMMO 40MM CANNISTER M1001 (F00900)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY08 BASE APPROPRIATION													
AMMUNITION HARDWARE													
COMPLETE ROUND								480	6	80.00			
H/W SUBTOTAL								480					
PRODUCTION SUPPORT COSTS													
PRODUCTION ENGINEERING								520					
PROD SUPPORT SUBTOTAL								520					
FY 08 GWOT HARDWARE													
AMMUNITION HARDWARE													
COMPLETE ROUND								8500	106	80.00			
H/W SUBTOTAL								8500					
Total:								9500		84.82			

Exhibit P-5a, Budget Procurement History and Planning										Date: September 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: AMMO 40MM CANNISTER M1001 (F00900)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
COMPLETE ROUND FY 2008	General Dynamics OTS MARION, IL		SS/OPT	PICATINNY ARSENAL, NJ	Jun 08	Mar 09	6	80.00	Y		
COMPLETE ROUND FY 2008 GWOT	General Dynamics OTS MARION, IL		SS/OPT	PICATINNY ARSENAL, NJ	Jun 08	Mar 09	106	80.00	Y		
REMARKS:											

FY 08 / 09 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE AMMO 40MM CANNISTER M1001 (F00900)										Date: September 2007														
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
COMPLETE ROUND																																		
1	FY 08	A	6	0	6									A										6						0				
COMPLETE ROUND																																		
1	FY 08 GWOT	A	106	0	106									A										20		20		20		20	26			
Total			112		112																			26		20		20		20	26			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	General Dynamics OTS, MARION, IL					7	20	30		1	Initial	3	6		9	15																	
											Reorder	3	9	9		18																		
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

<table border="1"> <tr> <td colspan="18"> FY 10 / 11 BUDGET PRODUCTION SCHEDULE </td> <td colspan="8"> P-1 ITEM NOMENCLATURE AMMO 40MM CANNISTER M1001 (F00900) </td> <td colspan="2"> Date: September 2007 </td> </tr> <tr> <td colspan="6"> COST ELEMENTS </td> <td colspan="14"> Fiscal Year 10 </td> <td colspan="12"> Fiscal Year 11 </td> <td rowspan="3"> Later </td> </tr> <tr> <td rowspan="2">M F R</td> <td rowspan="2">FY</td> <td rowspan="2">S E R V</td> <td rowspan="2">PROC QTY x1000</td> <td rowspan="2">ACCEP PRIOR TO 1 OCT</td> <td rowspan="2">BAL DUE AS OF 1 OCT</td> <td colspan="14"> Calendar Year 10 </td> <td colspan="12"> Calendar Year 11 </td> </tr> <tr> <td>O C T</td><td>N O V</td><td>D E C</td><td>J A N</td><td>F E B</td><td>M A R</td><td>A P R</td><td>M A Y</td><td>J U N</td><td>J U L</td><td>A U G</td><td>S E P</td><td>O C T</td><td>N O V</td><td>D E C</td><td>J A N</td><td>F E B</td><td>M A R</td><td>A P R</td><td>M A Y</td><td>J U N</td><td>J U L</td><td>A U G</td><td>S E P</td> </tr> </table>																												FY 10 / 11 BUDGET PRODUCTION SCHEDULE																		P-1 ITEM NOMENCLATURE AMMO 40MM CANNISTER M1001 (F00900)								Date: September 2007		COST ELEMENTS						Fiscal Year 10														Fiscal Year 11												Later	M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10														Calendar Year 11												O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P
FY 10 / 11 BUDGET PRODUCTION SCHEDULE																		P-1 ITEM NOMENCLATURE AMMO 40MM CANNISTER M1001 (F00900)								Date: September 2007																																																																																																																						
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11												Later																																																																																																																
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10														Calendar Year 11																																																																																																																												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																																																																																																																			
COMPLETE ROUND																																																																																																																																																
1	FY 08	A	6	6																								0																																																																																																																				
COMPLETE ROUND																																																																																																																																																
1	FY 08 GWOT	A	106	80	26			26																				0																																																																																																																				
Total			112	86	26			26																																																																																																																																								
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																																																																																																																			

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct			
1	General Dynamics OTS, MARION, IL	7	20	30		1	Initial	3	6	9	15	
							Reorder	3	9	9	18	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition						P-1 Item Nomenclature CTG, ARTY, 105MM: ALL TYPES (E21101)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				52.0							52.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				52.0							52.0
Initial Spares											
Total Proc Cost				52.0							52.0
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: This budget line includes Ctg, Artillery, 105mm, All Types.</p> <p>Justification: FY 2008 Base Appropriation - \$42.0 million FY 2008 Global War on Terrorism (GWOT) - \$10.0 million FY 2008 Total - \$52.0 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: CTG, ARTY, 105MM: ALL TYPES (E21101)				Weapon System Type:		Date: September 2007		
	AMMO Cost Elements	ID CD	FY 06 Total CostQtyUnit Cost		FY 07 Total CostQtyUnit Cost		FY 08 Total CostQtyUnit Cost			FY 09 Total CostQtyUnit Cost			
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG ARTY 105MM HE M1 W/O FUZE								26847					
CTG ARTY 105MM ILLUM M314 SERIES								12707	12	1058.92			
CTG ARTY 105MM BLANK M395								2411	22	109.59			
CTG, ARTY, 105MM M927								10000	5	2000.00			
Total:								51965					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature CTG ARTY 105MM M927 (E93300)						
Program Elements for Code B Items:			Code: A		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				5							5
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 CTG 105MM High Explosive Rocket Assisted (HERA) M927 is a semi-fixed cartridge shipped unfuzed and is compatible with the multiple fuzes. It is a zone 7 extended range cartridge designed to deliver a TNT loaded, high explosive warhead at medium to intermediate ranges. It can be fired rocket-on or rocket-off. The M927 warhead, when detonated, produces blast, fragmentation and cratering. The M927 can be fired from the M101A1, M102, and M119A1 howitzers. This is a new start for the Army.(Last procured in FY 99). This item is Code A, approved for service use.</p> <p>Justification: FY 2008 Global War on Terrorism (GWOT)request is for additional assets to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.</p>											

Exhibit P-5, Weapon AMMO Cost Analysis													
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Line Item Nomenclature: CTG ARTY 105MM M927 (E93300)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
AMMUNITION HARDWARE													
Complete Round								7250	5	1450			
SubTotal AMMO Hardware								7250					
Production Support Costs													
Production Engineering								700					
Lot Acceptance Testing								300					
SubTotal Prod. Support								1000					
COST - Nonrecurring													
First Article Testing								500					
IM Compliance								500					
RIFIC								750					
SubTotal COST - Nonrecurring								1750					
Total:								10000		2000			

Exhibit P-5a, Budget Procurement History and Planning											Date: September 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: CTG ARTY 105MM M927 (E93300)							
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
Complete Round FY 2008	GDOTS St. Petersburg, FL		SS/FP	Picatinny Arsenal, N.J.	Aug 08	Jul 09	5	1450	Y			
REMARKS:												

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</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 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				80.1							80.1
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				80.1							80.1
Initial Spares											
Total Proc Cost				80.1							80.1
Flyaway U/C											
Weapon System Proc U/C											
Description: This budget line item funds MACS, All Types. MACS M232 FY 2008 Base Appropriation - \$60.1 million FY 2008 Global War on Terrorism (GWOT) - \$20.0 million FY 2008 Total - \$80.1 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: September 2007
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
E27502 MACS M231								28373	325	87			
ER8021 MACS M232								51703	414	125			
Total:								80076					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</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: <div style="text-align: center;">A</div>		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				414							414
Gross Cost				51.7							51.7
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				51.7							51.7
Initial Spares											
Total Proc Cost				51.7							51.7
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 2008 Global War on Terrorism (GWOT) request is for additional assets to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.</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: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09			
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	
FY 2008 Base Request														
Hardware														
Load, Assemble and Pack								5165	254	20				
Combustible Case Sets								7019	254	28				
Propellant (M232 Triple Base)								13045	1270	10				
Ignition System/Spheriodal Propellant								136	16	9				
LAP Containers								257	6	43				
Black Powder								244	16	15				
Sub Total Ammo Hardware								25866						
Production Support Costs														
Production Engineering								4872						
Quality Assurance								100						
Testing								725						
Value Engineering								30						
Fielding								110						
Sub Total Production Support Costs								5837						
Costs Non Recurring														
Alternate Propellant Qualification														
Sub Total Costs Non Recurring														
FY08 GWOT Request														
Hardware														
Load, Assemble and Pack								3200	160	20				
Combustible Case Sets								4620	165	28				
Propellant (M232 Triple Base)								8000	800	10				
Ignition Sys/Spheriodal Propellant								90	10	9				
LAP Containers								1376	32	43				
Black Powder								170	10	17				
Sub Total Ammo Hardware								17456						
Production Support Costs														
Production Engineering								364						

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: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09			
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	
Quality Assurance								50						
Testing								400						
Value Engineering								30						
Fielding								50						
Sub Total Production Support Costs								894						
Costs Non Recurring														
Alternate Propellant Qualification								1650						
Sub Total Costs Non Recurring								1650						
Total:								51703		125				

Exhibit P-5a, Budget Procurement History and Planning									Date: September 2007			
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
FY 2008 Base Request												
Load, Assemble and Pack												
FY 2008		American Ordnance Middletown, IA		CM-2/Opt	Picatinny, NJ	Mar 08	Jan 10	254	20	Y		
Combustible Case Sets												
FY 2008		Armtec Coachella, CA		CM-5/FP	Picatinny, NJ	Mar 08	Nov 08	254	28	Y		
Propellant (M232 Triple Base)												
FY 2008		TBS		SS/Option	Picatinny, NJ	Feb 08	Mar 09	1270	10	Y		
Ignition System/Spheriodal Propellant												
FY 2008		TBS		SS/Option	Picatinny, NJ	Mar 08	Mar 09	16	9	Y		
LAP Containers												
FY 2008		Conco Louisville, KY		C/FP	Picatinny, NJ	Jun 08	Mar 09	6	43	Y		
Black Powder												
FY 2008		GOEX Inc. Minden, LA		SS/Option	Rock Island, IL	Mar 08	Mar 09	16	15	Y		
FY08 GWOT Request												
Load, Assemble and Pack												
FY 2008 GWOT		American Ordnance Middletown, IA		CM-2/Opt	Picatinny, NJ	Aug 08	Oct 10	160	20	Y		
Combustible Case Sets												
FY 2008 GWOT		Armtec Coachella, CA		CM-5/FP	Picatinny, NJ	Aug 08	Jul 10	165	28	Y		
Propellant (M232 Triple Base)												
FY 2008 GWOT		TBS		SS/Option	Picatinny, NJ	Aug 08	Aug 10	800	10	Y		
Ignition Sys/Spheriodal Propellant												
FY 2008 GWOT		TBS		SS/Option	Picatinny, NJ	Aug 08	Aug 10	10	9	Y		
LAP Containers												

Exhibit P-5a, Budget Procurement History and Planning										Date: September 2007		
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
FY 2008 GWOT		Conco Louisville, KY		C/FP	Picatinny, NJ	Aug 08	Aug 10	32	43	Y		
Black Powder FY 2008 GWOT		GOEX Inc. Minden, LA		SS/Option	Rock Island, IL	Aug 08	Aug 10	10	17	Y		
REMARKS:												

<div> <div>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</div> <div> <div>P-1 ITEM NOMENCLATURE MODULAR ARTILLERY CHARGE SYSTEM (MACS), M232 (ER8021)</div> <div>Date: September 2007</div> </div> </div>																																		
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Load, Assemble and Pack																																		
1	FY 08 Base	A	254	0	254						A																	254						
Load, Assemble and Pack																																		
1	FY 08 GWOT	A	160	0	160										A													160						
Total			414		414																							414						
						O C T	N O V	D E C	J A N	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																									

<div> <div>FY 10 / 11 BUDGET PRODUCTION SCHEDULE</div> <div> P-1 ITEM NOMENCLATURE MODULAR ARTILLERY CHARGE SYSTEM (MACS), M232 (ER8021) </div> <div> Date: September 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10														Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Load, Assemble and Pack																																		
1	FY 08 Base	A	254	0	254				26	26	46	46	46	46	18													0						
Load, Assemble and Pack																																		
1	FY 08 GWOT	A	160	0	160												40	40	40	40							0							
Total			414		414				26	26	46	46	46	46	18			40	40	40	40													
						O C T	N O V	D E C	J A N	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																										

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition						P-1 Item Nomenclature SHOULDER FIRED ROCKETS, ALL TYPES (EA4000)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				49.5							49.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				49.5							49.5
Initial Spares											
Total Proc Cost				49.5							49.5
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: This budget line includes Shoulder Fired Rockets, All Types.</p> <p>Justification: FY 2008 Base Appropriation: \$29.5 Million FY 2008 Global War On Terrorism (GWOT): \$20.0 Million FY 2008 Total \$49.5 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: SHOULDER FIRED ROCKETS, ALL TYPES (EA4000)			Weapon System Type:			Date: September 2007		
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
E36101 AT-4 CONFINED SPACE								21406	4700	4			
E88401 BUNKER DEFEAT MUNITION								26462	2395	11			
E32900 9mm Training Ammo for AT-4								1585	1208	1			
Total:								49453					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</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: B		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				2395							2395
Gross Cost				26.5							26.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				26.5							26.5
Initial Spares											
Total Proc Cost				26.5							26.5
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The Bunker Defeat Munition (BDM) is a single-shot, disposable, shoulder-launched munition 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. BDM is authorized for use by contingency forces. The item is Code B, not approved for service use.</p> <p>Justification: The FY2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$20.0 million) procures an additional 1,927 Bunker Defeat Munitions. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter 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: BUNKER DEFEAT MUNITION (E88401)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
BASIC APPROPRIATION	B												
AMMUNITION HARDWARE													
Complete Round								4856	468	10			
SubTotal AMMO Hardware								4856					
PRODUCTION SUPPORT COSTS													
Production Engineering								1473					
Acceptance Testing								133					
SubTotal Production Support Costs								1606					
SUBTOTAL BASIC APPROPRIATION								6462					
GLOBAL WAR ON TERRORISM	B												
AMMUNITION HARDWARE													
Complete Round								20000	1927	10			
SubTotal AMMO Hardware								20000					
SUBTOTAL GWOT REQUEST								20000					
Total:								26462					

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: September 2007</div> </div>										
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
BASIC APPROPRIATION Complete Round FY 2008	Talley Defense Systems Mesa, AZ	SS/FP	Picatinny, NJ	May 08	Aug 09	468	10.0	Y		
GLOBAL WAR ON TERRORISM Complete Round FY 2008	Talley Defense Systems Mesa, AZ	SS/FP	Picatinny, NJ	May 08	Oct 09	1927	10.0			
REMARKS:										

FY 08 / 09 BUDGET PRODUCTION SCHEDULE																												P-1 ITEM NOMENCLATURE BUNKER DEFEAT MUNITION (E88401)										Date: September 2007					
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later									
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09																							
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P														
Complete Round																																											
1	FY 08	A	468	0	468								A														200	200	68														
Complete Round																																											
1	FY 08 GWOT	A	1927	0	1927																								1927														
Total			2395		2395																						200	200	1995														
						O C T	N O V	D E C	J A N	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	Initial	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	40	80	150			Initial	6	8	15	23		
							Reorder	6	6	12	18		
							Initial						
							Reorder						
							Initial						
							Reorder						
							Initial						
							Reorder						
							Initial						
							Reorder						

FY 10 / 11 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE BUNKER DEFEAT MUNITION (E88401)										Date: September 2007														
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10														Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Complete Round																																		
1	FY 08	A	468	400	68	68																											0	
Complete Round																																		
1	FY 08 GWOT	A	1927	0	1927	132	200	200	200	200	200	200	200	200	195																		0	
Total			2395	400	1995	200	200	200	200	200	200	200	200	200	195																			
						O C T	N O V	D E C	J A N	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	40	80	150			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;">September 2007</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 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				165.9							165.9
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				165.9							165.9
Initial Spares											
Total Proc Cost				165.9							165.9
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: This budget line procures all Hydra 70 rocket types in support of training and war reserve requirements. The system provides combat overmatch capability and ensures a near-term war fighting readiness posture. This system of aerial rockets is used by Army aircraft (AH-64A/D Apache, OH-58D Kiowa Warrior, 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: FY2008 Global War on Terrorism (GWOT) request will be used to procure 38,256 M151's for combat operations to replace rocket expenditures in Operation Iraqi Freedom and Operation Enduring Freedom and to support training of units preparing for combat operations.</p> <p>FY08 Base Appropriation: \$137.9 FY08 Global War on Terrorism (GWOT):\$28.0 FY 2008 Total: \$165.9</p>											

Exhibit P-5, Weapon AMMO Cost Analysis														
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Line Item Nomenclature: ROCKET, HYDRA 70, ALL TYPES (E37300)					Weapon System Type:		Date: September 2007		
AMMO Cost Elements		ID	FY 06			FY 07			FY 08			FY 09		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
ROCKET HYDRA 70 M255A1									302		1.006			
ROCKET HYDRA 70 HE/PD M151/M423									46943	62	0.755			
ROCKET HYDRA 70 SIG PRAC M274									117455	173	0.679			
ROCKET HYDRA 70, FLARE INFRARED (IR) M27									1161	1	1.161			
Total:									165861					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</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 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				62							62
Gross Cost				46.9							46.9
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				46.9							46.9
Initial Spares											
Total Proc Cost				46.9							46.9
Flyaway U/C											
Weapon System Proc U/C				0.8							0.8
<p>Description: The HYDRA-70 family of rockets is used by Army aircraft (AH-64A/D Apache, OH-58D Kiowa Warrior helicopters, 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: The FY2008 Global War on Terrorism (GWOT) request will be used to procure 38,256 M151's for combat operations to replace rocket expenditures in Operation Iraqi Freedom and Operation Enduring Freedom and to support training of units preparing for combat operations.</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: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY08 BASE APPROPRIATION													
AMMUNITION HARDWARE													
Complete Round								17937	24	0.7			
PRODUCTION SUPPORT COSTS													
Production Engineering								1006					
SubTotal FY08 Base Appropriation								18943					
FY08 GWOT ALPPROPRIATION													
AMMUNITION HARDWARE													
Complete Round								28000	38	0.7			
PRODUCTION SUPPORT COSTS													
Production Engineering													
Sub Total FY08 GWOT Appropriation								28000					
Total:								46943		0.8			768.7

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: September 2007</div> </div>											
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: ROCKET HYDRA 70 HE/PD M151/M423 (E37335)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Complete Round FY 2008 FY 2008 GWOT	General Dynamics Burlington, VT General Dynamics Burlington, VT		SS/FP SS/Option	AMCOM, Redstone Arsenal, AL AMCOM, Redstone Arsenal, AL	Feb 08 Feb 08	Aug 09 Aug 09	24 38	723 723	Y Y	 	
REMARKS:											

<div> <div>FY 05 / 06 BUDGET PRODUCTION SCHEDULE</div> <div> P-1 ITEM NOMENCLATURE ROCKET HYDRA 70 HE/PD M151/M423 (E37335) </div> <div> Date: September 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 05														Fiscal Year 06														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 05											Calendar Year 06														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Complete Round																																		
1	FY 08	A	24.0	0.0	24.0																							24.0						
1	FY 08 GWOT	A	38.2	0.0	38.2																							38.2						
Total			62.2		62.2																							62.2						
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 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			Initial	6	7	22		29																	
											Reorder	6	7	18	25																			
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

<div> <div>FY 07 / 08 BUDGET PRODUCTION SCHEDULE</div> <div> P-1 ITEM NOMENCLATURE ROCKET HYDRA 70 HE/PD M151/M423 (E37335) </div> <div> Date: September 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 07														Fiscal Year 08														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 07											Calendar Year 08														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Complete Round																																		
1	FY 08	A	24.0	0.0	24.0																		A							24.0				
1	FY 08 GWOT	A	38.2	0.0	38.2																		A							38.2				
Total			62.2		62.2																								62.2					
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS Production rates apply to Hydra Rockets produced at GDATP.																		
						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																								
							6	7	18	25																								
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											

<div> <div>FY 09 / 10 BUDGET PRODUCTION SCHEDULE</div> <div> <div>P-1 ITEM NOMENCLATURE</div> <div>ROCKET HYDRA 70 HE/PD M151/M423 (E37335)</div> </div> <div> <div>Date:</div> <div>September 2007</div> </div> </div>																																		
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 08	A	24.0	0.0	24.0											2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0						
1	FY 08 GWOT	A	38.2	0.0	38.2											4.0	4.0	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	0.0						
Total			62.2		62.2											6.0	6.0	5.2	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0							
						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		Initial	6	7	22		29																		
											Reorder	6	7	18		25																		
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</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 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				38.9							38.9
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				38.9							38.9
Initial Spares											
Total Proc Cost				38.9							38.9
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: This budget line includes Demolition Munitions, All Types.</p> <p>Justification: FY 2008 Base Appropriation: \$30.9 Million FY 2008 Global War On Terrorism (GWOT): \$8.0 Million FY 2008 Total \$38.9 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: DEMOLITION MUNITIONS, ALL TYPES (E55400)			Weapon System Type:			Date: September 2007			
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
E50601 Chg Demo Blk C-4 1-1/4 lb M112								5464	229	24			
E51300 Chg Demo BLK Cratering 40 LB								5702	11	526			
E51400 Chg Demo Sheet 25 ft roll								2075	89	37			
E52400 Cap Blasting Non-Elec Inert								18	2	8			
E53100 Chg Demo Shaped M2 15 LB								4578	7	620			
E54100 Cord Detonating Type 1								556	1979				
E60200 Cutter Ctg Act 2 Sec Delay, M21								2806	6	456			
E76701 Cutter HE MK23-0								120	235	511			
E76702 Cutter HE MK24-0								800	4	219			
E76727 Chg, Ltwt MK-171								1137					
E78201 Chg, Demo Sheet Roll 38' (QTY ea)								2450	135	34			
E81305 Cap Blasting Non-Elec,Delay, M14								1947	226	9			
E81306 Cap, Blast Inert Non-El w/70' M15								138	7	5			
E81307 Igniter Time Fuze & Shk Tube, M81								976	112	9			
E81310 Cap Blast Inert Non-El Delay, M14								116	10	12			
E88300 Igniter Electric Match, M79								76	4	19			
E94100 Booster Demo Charge, M151								590	47	13			
E52000 Sel Ltwt Atk Mun (SLAM)								2300	282	8			
E99301 Rapid Wall Breaching Kit M322								4000	689				
E99903 Blast Cap, NonEl:500' Mntube, M21								1234	18	69			
E99905 Blast Cap NonEl:1000' Mntube, M23								1862	24	75			
Total:								38945					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition						P-1 Item Nomenclature CHARGE DEMOLITION ROLL M186 (E51400)					
Program Elements for Code B Items:			Code: A		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				89							89
Gross Cost				2.1							2.1
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				2.1							2.1
Initial Spares											
Total Proc Cost				2.1							2.1
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The M186 is a flexible ribbon explosive, 3 in wide x .25 inch thick. It is packaged on a plastic spool with 50 feet of explosive. It is used as a cutting charge against steel targets. The primary users are engineers and explosive ordnance disposal units. It is used for specialized demolition missions and destruction of Improvised Explosive Devices (IED). This item is code A, approved for service use.</p> <p>Justification: The FY2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$2.0 million) procures an additional 87 thousand feet of sheet explosive. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter requirements.</p> <p>FY 2008 Base Appropriation: \$0.1 Million FY 2008 Global War On Terrorism (GWOT): \$2.0 Million FY 2008 Total \$2.1 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: CHARGE DEMOLITION ROLL M186 (E51400)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
BASIC APPROPRIATION													
HARDWARE													
EXPLOSIVE 3in x .25in (Per foot)								33	2	23			
Subtotal Hardware								33					
PRODUCTION SUPPORT													
PRODUCTION ENGINEERING								41					
QUALITY ASSURANCE								1					
Subtotal Production Support								42					
SUBTOTAL BASIC APPROPRIATION								75					
GLOBAL WAR ON TERRORISM													
HARDWARE													
EXPLOSIVE 3in x .25in (Per foot)								2000	87	23			
Subtotal Hardware								2000					
SUBTOTAL GWOT REQUEST								2000					
Total:								2075		23			

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: September 2007</div> </div>											
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: CHARGE DEMOLITION ROLL M186 (E51400)						
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
EXPLOSIVE 3in x .25in (Per foot) FY 2008	To Be Selected		C/FP	Rock Island, IL	May 08	May 09	2	23	Y		
EXPLOSIVE 3in x .25in (Per foot) FY 2008	To Be Selected		C/FP	Rock Island, IL	May 08	May 09	87	23			
REMARKS:											

<div> <div>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</div> <div> P-1 ITEM NOMENCLATURE CHARGE DEMOLITION ROLL M186 (E51400) </div> <div> Date: September 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
EXPLOSIVE 3in x .25in (Per foot)																																		
1	FY 08	A	2	0	2									A												2					0			
EXPLOSIVE 3in x .25in (Per foot)																																		
1	FY 08 GWOT	A	87	0	87																					5	7	7	7	7	54			
Total			89		89																					7	7	7	7	7	54			
						O C T	N O V	D E C	J A N	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	10	40	80			Initial	7	8	12	20																							
							Reorder	6	6	9	15																							
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											

FY 10 / 11 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE CHARGE DEMOLITION ROLL M186 (E51400)										Date: September 2007														
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10														Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
EXPLOSIVE 3in x .25in (Per foot)																																		
1	FY 08	A		2	2																											0		
EXPLOSIVE 3in x .25in (Per foot)																																		
1	FY 08 GWOT	A		87	33	54	7	7	8	8	8	8																				0		
Total								89	35	54	7	7	8	8	8	8																		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	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					10	40	80		1	Initial	7	8	12	20																			
											Reorder	6	6	9	15																			
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature CHG DEM SHEET ROLL 38 FT (E78201)						
Program Elements for Code B Items:			Code: A		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				135							135
Gross Cost				2.5							2.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				2.5							2.5
Initial Spares											
Total Proc Cost				2.5							2.5
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The M980 is a flexible sheet explosive 10 in wide x .083 inch thick x 38 feet long. It is easily cut to desired shape and applied with adhesive. The primary users are engineers and explosive ordnance disposal units. It is used for specialized demolition missions and destruction of Improvised Explosive Devices (IED). This item is code A, approved for service use.</p> <p>Justification: The FY2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$2.0 million) procures an additional 122 thousand feet of sheet explosive. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter requirements.</p> <p>FY 2008 Base Appropriation: \$.05 Million FY 2008 Global War On Terrorism (GWOT): \$2.0 Million FY 2008 Total \$2.5 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: CHG DEM SHEET ROLL 38 FT (E78201)				Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
BASIC APPROPRIATION													
HARDWARE													
Sheet explosive 10 x.083 in per ft								213	13	16			
Subtotal Hardware								213					
PRODUCTION SUPPORT													
Production Engineering								234					
Quality Assurance								3					
Subtotal Production Support								237					
SUBTOTAL BASIC APPROPRIATION								450					
GLOBAL WAR ON TERRORISM													
HARDWARE													
Sheet explosive 10 x.083 in/ft								1977	122	16			
Subtotal Hardware								1977					
PRODUCTION SUPPORT													
Acceptance Testing								23					
Subtotal Production Support								23					
SUBTOTAL GWOT REQUEST								2000					
Total:								2450		18			

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: September 2007</div> </div>										
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: CHG DEM SHEET ROLL 38 FT (E78201)							
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
BASIC APPROPRIATION Sheet explosive 10 x.083 in per ft FY 2008	To Be Selected	C/OPT	Rock Island, IL	May 08	May 09	13	16	Y		
GLOBAL WAR ON TERRORISM Sheet explosive 10 x.083 in/ft FY 2008	To Be Selected	C/OPT	Rock Island, IL	May 08	Jun 09	122	16			
REMARKS:										

FY 08 / 09 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE CHG DEM SHEET ROLL 38 FT (E78201)										Date: September 2007																
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later		
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09																
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							
Sheet explosive 10 x.083 in per ft																																				
1	FY 08	A	13	0	13									A																11	2				0	
Sheet explosive 10 x.083 in/ft																																				
1	FY 08 GWOT	A	122	0	122																										9	11	11	11	80	
Total			135		135																										11	11	11	11	11	80
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 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	5	12	30			Initial	6	8	12	20																									
							Reorder	6	6	9	15																									
							Initial																													
							Reorder																													
							Initial																													
							Reorder																													
							Initial																													
							Reorder																													
							Initial																													
							Reorder																													

FY 10 / 11 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE CHG DEM SHEET ROLL 38 FT (E78201)										Date: September 2007														
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10														Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Sheet explosive 10 x.083 in per ft																																		
1	FY 08	A		13	13																											0		
Sheet explosive 10 x.083 in/ft																																		
1	FY 08 GWOT	A		122	42	80	11	11	11	12	12	12	11																			0		
Total				135	55	80	11	11	11	12	12	12	11																					
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

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	5	12	30			Initial	6	8	12	20	
							Reorder	6	6	9	15	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature Demolition Kit, Rapid Wall Breach XM322 (E99301)						
Program Elements for Code B Items:			Code: A		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				689							689
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 M322 Demolition Kit, Rapid Wall Breach, is a man-portable demolition kit that rapidly creates man sized hole in triple brick and reinforced concrete walls. M322 Kit includes: 11 ft Flexible Linear Shaped Charge, 200 ft shock tube initiation system, an attachment device to the target and a carrying bag. There are two training devices associated with the kit. The M323 Collective trainer used detonation cord in lieu of the main charge and can create holes in plywood targets. The M324 is an inert version. This item is code A, approved for service use.</p> <p>Justification: The FY2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$2.0 million) procures an additional 689 Rapid Wall Breaching Kits and associated training devices. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter 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: Demolition Kit, Rapid Wall Breach XM322 (E99301)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
GLOBAL WAR ON TERRORISM													
HARDWARE													
M322 Tactical RWBK								2236	689	3246			
M323 RWBK Collective Trainer								201	68	2951			
M423 Inert Trainer								228	68	3360			
Subtotal Hardware								2665					
PROGRAM SUPPORT													
Production Engineering								990					
Acceptance Testing								345					
Subtotal Program Support								1335					
Total:								4000					

Exhibit P-5a, Budget Procurement History and Planning										Date: September 2007		
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: Demolition Kit, Rapid Wall Breach XM322 (E99301)							
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
M322 Tactical RWBK FY 2008 GWOT		Ensign Bickford Inc Simsbury, CT		SS/OPT	Picatinny, NJ	Mar 08	Mar 09	689	3246	Y		
M323 RWBK Collective Trainer FY 2008 GWOT		Ensign Bickford Inc Simsbury, CT		SS/OPT	Picatinny, NJ	Mar 08	Mar 09	68	2951			
M423 Inert Trainer FY 2008 GWOT		Ensign Bickford Inc Simsbury, CT		SS/OPT	Picatinny, NJ	Mar 08	Mar 09	68	3360			
REMARKS: The FY2008 contract will be an option to a new contract to be awarded in FY2007.												

FY 08 / 09 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE Demolition Kit, Rapid Wall Breach XM322 (E99301)										Date: September 2007														
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 08											Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M322 Tactical RWBK																																		
1	FY 08 GWOT	A	689	0	689						A														57	57	57	57	57	57	57	290		
Total			689		689																				57	57	57	57	57	57	57	290		
						O C T	N O V	D E C	J A N	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	Ensign Bickford Inc, Simsbury, CT					50	150	300		1	Initial	6	7																15	22			
									Reorder	6	6	12	18																					
									Initial																									
									Reorder																									
									Initial																									
									Reorder																									
									Initial																									
									Reorder																									
								Initial																										
								Reorder																										
								Initial																										
								Reorder																										

FY 10 / 11 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE Demolition Kit, Rapid Wall Breach XM322 (E99301)										Date: September 2007													
COST ELEMENTS						Fiscal Year 10										Fiscal Year 11										Later							
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10										Calendar Year 11																	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P			
M322 Tactical RWBK																																	
1	FY 08 GWOT	A	689	399	290	58	58	58	58	58																						0	
Total			689	399	290	58	58	58	58	58																							
						O C T	N O V	D E C	J A N	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	Ensign Bickford Inc, Simsbury, CT					50	150	300		1	Initial	6	7	15	22																		
											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;">September 2007</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 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				82.4							82.4
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				82.4							82.4
Initial Spares											
Total Proc Cost				82.4							82.4
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: This budget line includes Grenades, All Types.</p> <p>Justification: FY 2008 Base Appropriation: \$72.4 Million FY 2008 Global War On Terrorism (GWOT): \$10.0 Million FY 2008 Total \$82.4 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: GRENADES, ALL TYPES (E34000)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
E00500 Grenade, Smoke Screening Tng M82								7834	60	130			
E31900 Fuze Grenade Hand Prac M228								28831	6005	5			
E32000 Grenade Hand Frag Delay M67								11215	259	43			
E33700 Grenade, Hand Smoke HC AN-M8								2000	7	278			
E34001 Grenade Hand Smoke Green M18								9861	177	56			
E34002 Grenade Hand Smoke Yellow M18								4123	67	62			
E34003 Grenade Hand Smoke Red M18								2928	44	67			
E34004 Grenade Hand Smoke Violet M18								4119	69	61			
E69300 Grenade Hand Smoke Tng M83								8975	139	64			
E99912 Grenade, Rifle Entry Mun M100								1956	1861	1051			
E99912 Gren Rifle Entry Mun Trn M101								550	3983	138			
Total:								82392					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition						P-1 Item Nomenclature GRENADE SMOKE SCREENING TNG M82 (E00500)					
Program Elements for Code B Items:			Code: A		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				60							60
Gross Cost				7.8							7.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				7.8							7.8
Initial Spares											
Total Proc Cost				7.8							7.8
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The M82 Grenade Launcher consist of a plastic cylindrical main body that contains a smoke composition, a burster, a booster lead, and a safe and arm (S&A) mechanism. The S&A mechanism consists of an out-of-line spring loaded slider/bore rider containing an explosive lead and a spring loaded setback lock. This grenade is used with the M250, M239, M243 and similar grenade launchers to provide means to train armored/tactical vehicle crew to employ smoke grenade launchers. This item is Code A, approved for service use.</p> <p>Justification: FY 2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$4.0 million) procures an additional 37 thousand grenades. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter requirements.</p> <p>FY 2008 Base Appropriation: \$3.8 Million FY 2008 Main Supplemental Request: \$4.0 Million FY 2008 Total \$7.8 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: GRENADE SMOKE SCREENING TNG M82 (E00500)			Weapon System Type:		Date: September 2007			
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
BASIC APPROPRIATION													
AMMUNITION HARDWARE													
Complete Grenade								2494	23	108			
SubTotal AMMO Hardware								2494					
Production Support Costs													
Production Engineering								996					
SubTotal Prod. Support								996					
COST - Nonrecurring													
First Article Testing								344					
SubTotal COST - Nonrecurring								344					
SUBTOTAL BASIC APPROPRIATION								3834					
GLOBAL WAR ON TERRORISM													
AMMUNITION HARDWARE													
Complete Grenade								4000	37	108			
SubTotal AMMO Hardware								4000					
SUBTOTAL GWOT REQUEST								4000					
Total:								7834					

Exhibit P-5a, Budget Procurement History and Planning										Date: September 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: GRENADE SMOKE SCREENING TNG M82 (E00500)						
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
BASIC APPROPRIATION Complete Grenade FY 2008	To Be Selected		C/OPT	Rock Island, IL	May 08	Nov 09	23	108			
GLOBAL WAR ON TERRORISM Complete Grenade FY 2008	To Be Selected		C/OPT	Rock Island, IL	May 08	Mar 10	37	108			
REMARKS:											

FY 08 / 09 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE GRENADE SMOKE SCREENING TNG M82 (E00500)										Date: September 2007										
COST ELEMENTS						Fiscal Year 08										Fiscal Year 09										Later				
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08										Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P
Complete Grenade																														
1	FY 08	A	23	0	23									A																23
Complete Grenade																														
1	FY 08 GWOT	A	37	0	37									A																37
Total			60		60																								60	
						O C T	N O V	D E C	J A N	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	15	50	150			Initial	6	8	18	26	
							Reorder	6	6	15	21	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 10 / 11 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE GRENADE SMOKE SCREENING TNG M82 (E00500)										Date: September 2007									
COST ELEMENTS						Fiscal Year 10										Fiscal Year 11										Later			
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10										Calendar Year 11													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G
Complete Grenade																													
1	FY 08	A	23	0	23		5	5	5	5	3																		0
Complete Grenade																													
1	FY 08 GWOT	A	37	0	37						2	5	5	5	5	5	5	5											0
Total			60		60		5	5	5	5	5	5	5	5	5	5	5												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS													
						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																
1	To Be Selected					15	50	150				6	8	18	26														
											6	6	15	21															
											Initial																		
											Reorder																		
											Initial																		
											Reorder																		
											Initial																		
											Reorder																		
											Initial																		
											Reorder																		

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature GRENADE HAND SMOKE HC AN-M8 (E33700)						
Program Elements for Code B Items:			Code: A		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				7							7
Gross Cost				2.0							2.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				2.0							2.0
Initial Spares											
Total Proc Cost				2.0							2.0
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The AN-M8 is a hand-thrown grenade. It consists of an M201 fuze, a grenade body and a hexachloroethane (HC) fill. When ignited it produces a thick screening smoke. The AN-M8 produces harmful hydrochloric fumes that irritate the eyes, throat, and lungs. It should not be used unless soldiers are wearing protective masks. A new, environmentally acceptable mixture will be qualified using FY2007 GWOT supplemental funding. This item is code A, approved for service use.</p> <p>Justification: FY 2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$2.0 million) procures an additional 7 thousand grenades. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter 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 HC AN-M8 (E33700)			Weapon System Type:		Date: September 2007			
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
GLOBAL WAR ON TERRORISM													
HARDWARE													
Load, Assemble & Pack								346	7	48			
M201 Fuze								46	8	6			
Top and Body Assembly								12	8	2			
SUBTOTAL HARDWARE								404					
PRODUCTION SUPPORT													
Production Engineering								979					
Quality Assurance								12					
SUBTOTAL PRODUCTION SUPPORT								991					
NON-RECURRING COSTS													
Production Verification Test								300					
TDP Update								155					
First Article Tests								150					
SUBTOTAL NON-RECURRING COSTS								605					
COSTS													
Total:								2000					

Exhibit P-5a, Budget Procurement History and Planning										Date: September 2007		
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: GRENADE HAND SMOKE HC AN-M8 (E33700)							
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
Load, Assemble & Pack FY 2008		To Be Selected		C/FP	Rock Island, IL	May 08	Nov 09	7	48	N		
M201 Fuze FY 2008		Martin Electronics Inc Perry, FL		C/OPT	Rock Island, IL	Mar 08	Nov 08	5	6			
FY 2008		Critical Solutions Inc. Dallas, TX		C/OPT	Rock Island, IL	Mar 08	Nov 08	3	6			
Top and Body Assembly FY 2008		Tool Masters Inc. Tuscumbia, AL		C/OPT	Rock Island, IL	Mar 08	Nov 08	8	2			
REMARKS: Schedule assumes timely execution of FY2007 GWOT budget												

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition						P-1 Item Nomenclature GRENADE HAND SMOKE GREEN M18 (E34001)					
Program Elements for Code B Items:			Code: A		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				177							177
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 family of M18 colored smoke grenades used for ground-to-air signaling, marking and indicating wind direction. This smoke hand grenade contains approximately one pound of smoke mixture. The smoke mixture is initiated by an M201 pyrotechnic delay-igniting fuze. After initiation, there is a 3-second delay before a dense smoke cloud of colored smoke is produced for about 45 seconds. This item is Code A, approved for service use.</p> <p>Justification: FY 2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$4.0 million) procures an additional 75 thousand grenades. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter 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 GREEN M18 (E34001)			Weapon System Type:			Date: September 2007		
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
BASIC APPROPRIATION													
AMMUNITION HARDWARE													
Load, Assemble, and Pack								4653	102	46			
M201 Fuze								645	107	6			
Top & Bottom Assembly								176	117	2			
SubTotal Hardware								5474					
Production Support Costs													
Production Engineering								379					
Quality Assurance								8					
SubTotal Prod. Support								387					
SUBTOTAL BASIC								5861					
APPROPPRIATION													
GLOBAL WAR ON TERRORISM													
AMMUNITION HARDWARE													
Load, Assemble, and Pack								3400	75	46			
M201 Fuze								471	79	6			
Top & Bottom Assembly								129	86	2			
SubTotal Hardware								4000					
SUBTOTAL GWOT REQUEST								4000					
Total:								9861		55			

Exhibit P-5a, Budget Procurement History and Planning									Date: September 2007			
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: GRENADE HAND SMOKE GREEN M18 (E34001)							
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
BASIC APPROPRIATION												
Load, Assemble, and Pack												
FY 2008		Pine Bluff Arsenal Pine Bluff, AR		SS/FP	Rock Island, IL	Mar 08	Apr 09	102	46			
M201 Fuze												
FY 2008		Martin Electronics Inc. Perry, FL		C/OPT	Rock Island, IL	Mar 08	Nov 08	102	6			
FY 2008		Critical Solutions Inc. Dallas, TX		C/OPT	Rock Island, IL	Mar 08	Nov 08	84	6			
Top & Bottom Assembly												
FY 2008		Tool Masters Inc. Tuscumbia, AL		C/OPT	Rock Island, IL	Mar 08	Nov 08	117	2			
GLOBAL WAR ON TERRORISM												
Load, Assemble, and Pack												
FY 2008		Pine Bluff Arsenal Pine Bluff, AR		SS/FP	Rock Island, IL	Mar 08	Jun 09	75	46			
M201 Fuze												
FY 2008		Martin Electronics Inc. Perry, FL		C/OPT	Rock Island, IL	Mar 08	Apr 09	43	6			
FY 2008		Critical Solutions Inc. Dallas, TX		C/OPT	Rock Island, IL	Mar 08	Apr 09	32	6			
Top & Bottom Assembly												
FY 2008		Tool Masters Inc. Tuscumbia, AL		C/OPT	Rock Island, IL	Mar 08	Apr 09	86	2			
REMARKS:												

FY 08 / 09 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE GRENADE HAND SMOKE GREEN M18 (E34001)										Date: September 2007														
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Load, Assemble, and Pack																																		
1	FY 08	A	102	0	102						A																44	44	14				0	
1	FY 08	AF	1	0	1																								1				0	
1	FY 08	SOF	15	0	15																								15				0	
Load, Assemble, and Pack																																		
1	FY 08 GWOT	A	75	0	75																								14	44	17		0	
Total			193		193																						44	44	44	44	17			
						O C T	N O V	D E C	J A N	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 Other color M18 smoke grenades are produced on the same assembly line. Production will be continuous.																		
						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																					
1	Pine Bluff Arsenal, Pine Bluff, AR	50	112	269			6	8	18	26																								
							6	6	13	19																								
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</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 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				29.6							29.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				29.6							29.6
Initial Spares											
Total Proc Cost				29.6							29.6
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: This budget line includes Simulators, All Types.</p> <p>Justification: FY 2008 Base Appropriation: \$21.6 Million FY 2008 Global War On Terrorism (GWOT): \$ 8.0 Million FY 2008 Total \$29.6 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: SIMULATORS, ALL TYPES (E51200)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
E48400 SIMULATOR PROJ AIRBURST M74								3475	138	25			
E49700 SIMULATOR PROJ GND BURST M115A2								7072	396	18			
E49900 SIMULATOR BOOBY TRAP FLASH M117								4575	181	252			
E5000 SIMULATOR BOOBY TRAP ILLUM M118								978	28	35			
E50100 SIMULATOR BOOBY TRAP WHIST M119								3658	140	26			
E50200 SIMULATOR HAND GRENADE M116A1								5750	390	15			
E88000 SIMULATOR TARGET HIT M25								285	5	53			
F01000 SIMULATOR MAIN TANK GUN M30								1369	234	6			
F01100 SIMULATOR DIR/INDIR FIRE CUE M31								2446	302	8			
Total:								29608					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</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 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				396							396
Gross Cost				7.1							7.1
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				7.1							7.1
Initial Spares											
Total Proc Cost				7.1							7.1
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 2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$2.0 million) procures an additional 115 thousand simulators. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter requirements.</p> <p>FY 2008 Base Appropriation: \$5.1 Million FY 2008 Global War On Terrorism (GWOT): \$3.0 Million FY 2008 Total \$8.1 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: SIMULATOR PROJ GND BURST M115A2 (E49700)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
BASE APPROPRIATION													
HARDWARE													
COMPLETE ROUND								4878	281	17			
Subtotal Hardware								4878					
PRODUCTION SUPPORT													
Production Engineering								189					
Quality Assurance								5					
SubTotal Production Support								194					
GLOBAL WAR ON TERRORISM													
HARDWARE													
COMPLETE ROUND								2000	115	17			
SUBTOTAL GWOT REQUEST								2000					
Total:								7072		18			

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: September 2007</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
BASE APPROPRIATION COMPLETE ROUND FY 2008	Pyrotechnique by Grucci Inc Radford, VA	C/OPT	Rock Island, IL	Mar 08	Mar 09	281	17	Y		
GLOBAL WAR ON TERRORISM COMPLETE ROUND FY 2008	Pyrotechnique by Grucci Inc Radford, VA	C/OPT	Rock Island, IL	Mar 08	Jan 10	115	17			
REMARKS:										

<table border="1"> <tr> <td colspan="14">FY 08 / 09 BUDGET PRODUCTION SCHEDULE</td> <td colspan="10">P-1 ITEM NOMENCLATURE SIMULATOR PROJ GND BURST M115A2 (E49700)</td> <td colspan="4">Date: September 2007</td> </tr> </table>																												FY 08 / 09 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE SIMULATOR PROJ GND BURST M115A2 (E49700)										Date: September 2007			
FY 08 / 09 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE SIMULATOR PROJ GND BURST M115A2 (E49700)										Date: September 2007																															
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later																					
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09																																			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																										
COMPLETE ROUND																																																							
1	FY 08	A	281	0	281						A												30	30	30	30	30	30	30	71																									
1	FY 08	AF	11	0	11						A																		11																										
1	FY 08	MC	19	0	19						A																		19																										
COMPLETE ROUND																																																							
1	FY 08 GWOT	A	115	0	115																								115																										
Total			426		426																		30	30	30	30	30	30	30	216																									
						O C T	N O V	D E C	J A N	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	Pyrotechnique by Grucci Inc, Radford, VA					5	15	30			Initial	6	8	18	26																																								
										Reorder	6	6	12	18																																									
										Initial																																													
										Reorder																																													
										Initial																																													
										Reorder																																													
										Initial																																													
										Reorder																																													
										Initial																																													
										Reorder																																													

FY 10 / 11 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE SIMULATOR PROJ GND BURST M115A2 (E49700)										Date: September 2007														
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 10											Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
COMPLETE ROUND																																		
1	FY 08	A	281	210	71	30	30	11																					0					
1	FY 08	AF	11	0	11			11																					0					
1	FY 08	MC	19	0	19			8	11																				0					
COMPLETE ROUND																																		
1	FY 08 GWOT	A	115	0	115				19	30	30	30	6																0					
Total			426	210	216	30	30	30	30	30	30	30	6																					
						O C T	N O V	D E C	J A N	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	Pyrotechnique by Grucci Inc, Radford, VA					5	15	30			Initial	6	8	18	26																			
										Reorder	6	6	12	18																				
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition						P-1 Item Nomenclature SIMULATOR BOOBY TRAP FLASH M117 (E49900)					
Program Elements for Code B Items:			Code: A		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				181							181
Gross Cost				4.6							4.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				4.6							4.6
Initial Spares											
Total Proc Cost				4.6							4.6
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The M117 Booby Trap Simulator is a hand-emplaced pyrotechnic device that is used to provide realistic battlefield effects in training. It is set using a trip wire or pressure release device and when triggered produces flash and bang that simulates an explosive device. This item is code A, approved for service use.</p> <p>Justification: FY 2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$2.0 million) procures an additional 82 thousand simulators. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter 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 BOOBY TRAP FLASH M117 (E49900)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
BASIC APPROPRIATION													
HARDWARE													
Complete Round								2399	99	24			
Subtotal Hardware								2399					
PRODUCTION SUPPORT													
Production Engineering								173					
Quality Assurance								3					
Subtotal Production Support								176					
SUBTOTAL BASIC APPROPRIATION								2575					
GLOBAL WAR ON TERRORISM													
HARDWARE													
Complete Round								2000	82	24			
SUBTOTAL GWOT REQUEST								2000					
Total:								4575		25			

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: September 2007</div> </div>											
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: SIMULATOR BOOBY TRAP FLASH M117 (E49900)						
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
BASIC APPROPRIATION Complete Round FY 2008	L3 - Bulova Technologies Mayo, FL		C/OPT	Rock Island, IL	Mar 08	Apr 09	99	24	Y		
GLOBAL WAR ON TERRORISM Complete Round FY 2008	L3 - Bulova Technologies Mayo, FL		C/OPT	Rock Island, IL	Mar 08	Nov 09	82	24			
REMARKS:											

FY 08 / 09 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE SIMULATOR BOOBY TRAP FLASH M117 (E49900)										Date: September 2007													
COST ELEMENTS						Fiscal Year 08										Fiscal Year 09										Later							
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08										Calendar Year 09																	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P			
Complete Round																																	
1	FY 08	A	99	0	99						A															23	23	23	23	7		0	
1	FY 08	MC	77	0	77						A																		16	23	38		
Complete Round																																	
1	FY 08 GWOT	A	82	0	82																										82		
Total			258		258																						23	23	23	23	23	23	120
						O C T	N O V	D E C	J A N	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 Because of a large supplemental buy late in FY06, the FY2007 production will extend one month beyond the FDP. FY2008 will be delivered within the FDP.																	
						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																				
	1	L3 - Bulova Technologies, Mayo, FL					5	20	30		1	Initial	6	8	18																26		
										Reorder	6	6	12	18																			
										Initial																							
										Reorder																							
										Initial																							
										Reorder																							
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									Initial																								
									Reorder																								

FY 10 / 11 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE SIMULATOR BOOBY TRAP FLASH M117 (E49900)										Date: September 2007														
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT							Calendar Year 10										Calendar Year 11												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Complete Round																																		
1	FY 08	A	99	99																									0					
1	FY 08	MC	77	39	38	24	14																						0					
Complete Round																																		
1	FY 08 GWOT	A	82	0	82		10	24	24	24																			0					
Total			258	138	120	24	24	24	24	24																								
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																		
						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																					
1	L3 - Bulova Technologies, Mayo, FL					5	20	30			Initial	6	8	18	26																			
										Reorder	6	6	12	18																				
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition						P-1 Item Nomenclature SIMULATOR BOOBY TRAP WHISTLING M119 (E50100)					
Program Elements for Code B Items:				Code: A		Other Related Program Elements:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				140							140
Gross Cost				3.7							3.7
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				3.7							3.7
Initial Spares											
Total Proc Cost				3.7							3.7
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The M119 Booby Trap Simulator is a hand-emplaced pyrotechnic device that is used to provide realistic battlefield effects in training. It is set using a trip wire or pressure release device and, when triggered, produces a loud whistling noise that simulates an explosive device. This item is code A, approved for service use.</p> <p>Justification: FY 2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$2.0 million) procures an additional 82 thousand simulators. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter 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 BOOBY TRAP WHISTLING M119 (E50100)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
BASIC APPROPRIATION													
HARDWARE													
Complete Round								1415	58	24			
Subtotal Hardware								1415					
PRODUCTION SUPPORT													
Production Engineering								238					
Quality Assurance								5					
Subtotal Product Support								243					
SUBTOTAL BASIC APPROPRIATION								1658					
GLOBAL WAR ON TERRORISM													
HARDWARE													
Complete Round								2000	82	24			
Subtotal Hardware								2000					
SUBTOTAL GWOT REQUEST								2000					
Total:								3658		26			

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: September 2007</div> </div>											
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: SIMULATOR BOOBY TRAP WHISTLING M119 (E50100)						
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
BASIC APPROPRIATION Complete Round FY 2008	L3 - Bulova Tech Mayo, FL		C/OPT	Rock Island, IL	Mar 08	Mar 09	58	24	Y		
GLOBAL WAR ON TERRORISM Complete Round FY 2008	L3 - Bulova Tech Mayo, FL		C/OPT	Rock Island, IL	Mar 08	Jul 09	82	24			
REMARKS:											

<div> <div>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</div> <div> P-1 ITEM NOMENCLATURE SIMULATOR BOOBY TRAP WHISTLING M119 (E50100) </div> <div> Date: September 2007 </div> </div>																																
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09												Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
Complete Round																																
1	FY 08	A	58	0	58						A												12	12	12	12	10		0			
Complete Round																																
1	FY 08 GWOT	A	82	0	82																					2	12	12	56			
Total			140		140																		12	12	12	12	12	12	56			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																
						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																			
1	L3 - Bulova Tech, Mayo, FL					5	20	44				6	8	18	26																	
											6	6	12	18																		

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature SIMULATOR HAND GRENADE M116A1 (E50200)						
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				390							390
Gross Cost				5.8							5.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				5.8							5.8
Initial Spares											
Total Proc Cost				5.8							5.8
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The M116A1 Hand Grenade Simulator is a hand-thrown device. It consist of a cylindrical paper tube containing a sealed charge of photoflash powder. A fuse igniter, Type M3A1, is taped to the outside of the tube, and is joined to the photoflash charge by a safety fuse. This pyrotechnic device is used to simulate battle noises and effect during troop maneuvers. The item is Code A, approved for Service use.</p> <p>Justification: FY 2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$2.0 million) procures an additional 145 thousand simulators. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter 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 HAND GRENADE M116A1 (E50200)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
BASIC APPROPRIATION													
AMMUNITION HARDWARE													
M116A1 Simulator Complete								3389	245	14			
SubTotal AMMO Hardware								3389					
Production Support Costs													
Production Engineering								355					
Quality Assurance								6					
Subtotal Production Support								361					
SUBTOTAL BASIC APPROPRIATION								3750					
GLOBAL WAR ON TERRORISM													
AMMUNITION HARDWARE													
M116A1 Simulator Complete								2000	145	14			
SubTotal AMMO Hardware								2000					
SUBTOTAL GWOT REQUEST								2000					
Total:								5750		15			

<div> <div>Exhibit P-5a, Budget Procurement History and Planning</div> <div>Date: September 2007</div> </div>											
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: SIMULATOR HAND GRENADE M116A1 (E50200)						
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
BASIC APPROPRIATION M116A1 Simulator Complete FY 2008 GLOBAL WAR ON TERRORISM M116A1 Simulator Complete FY 2008	Ptrotechnique by Grucci Radford, Va		C/OPT	Rock Island, IL	Mar 08	Apr 09	245	14			
	Ptrotechnique by Grucci Radford, Va		C/OPT	Rock Island, IL	Mar 08	Dec 09	145	14			
REMARKS:											

<div> <div>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</div> <div> P-1 ITEM NOMENCLATURE SIMULATOR HAND GRENADE M116A1 (E50200) </div> <div> Date: September 2007 </div> </div>																																		
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M116A1 Simulator Complete																																		
1	FY 08	A	245	0	245						A														6	50	50	50	50	39	0			
1	FY 08	AF	24	0	24						A																			11	13			
1	FY 08	CG	1	0	1						A																				1			
1	FY 08	MC	31	0	31						A																				31			
1	FY 08	SOC	70	0	70						A																				70			
M116A1 Simulator Complete																																		
1	FY 08 GWOT	A	145	0	145																										145			
Total			516		516																				6	50	50	50	50	50	260			
						O C T	N O V	D E C	J A N	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	Prtotechnique by Grucci, Radford, Va					20	40	50			Initial	6	8	18	26																			
											Reorder	6	6	12	18																			
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							
											Initial																							
											Reorder																							

FY 10 / 11 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE SIMULATOR HAND GRENADE M116A1 (E50200)										Date: September 2007														
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10														Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M116A1 Simulator Complete																																		
1	FY 08	A	245	245																										0				
1	FY 08	AF	24	11	13	13																								0				
1	FY 08	CG	1	0	1	1																								0				
1	FY 08	MC	31	0	31	31																								0				
1	FY 08	SOC	70	0	70	5	50	15																						0				
M116A1 Simulator Complete																																		
1	FY 08 GWOT	A	145	0	145			35	50	50	10																			0				
Total			516	256	260	50	50	50	50	50	10																							
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																		
						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																					
1	Prtotechnique by Grucci, Radford, Va					20	40	50			Initial	6	8	18	26																			
										Reorder	6	6	12	18																				
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								
										Initial																								
										Reorder																								

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</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 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				79.2							79.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				79.2							79.2
Initial Spares											
Total Proc Cost				79.2							79.2
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: This budget line item procures Non-Lethal Ammunition, All Types.</p> <p>Justification: FY 2008 Base Appropriation: \$25.2 Million FY 2008 Global War On Terrorism (GWOT): \$54.0 Million FY 2008 Total \$79.2 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: Non-Lethal Ammunition, All Types (E91901)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
E86400 CTG 12 GA NON-LETH M1012								1000	202	5			
E89000 CTG 40MM NON-LETH M1006								2000	79	25			
E90400 CTG 40MM CROWD DISPERSAL M1029								1602	92	17			
E91800 NON LETHAL CAPABILITY SET (each)								68749	153	449			
E84900 GRENADE, STUN, M84								3000	25	120			
E85101 FUZE, HND GRN XM240 PRAC f/XM102								2635	34	78			
E85115 BODY, HND GRN PRAC STUN								255					
Total:								79241					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature GRENADE, STUN, M84 (E84900)						
Program Elements for Code B Items:			Code: A		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				25							25
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 M84 Stun Grenade is a non-lethal, hand grenade for distracting and /or disorienting the enemy during hostage rescue missions. The grenade body is made from aluminum and the fuze from zinc. The grenade is designed to penetrate double-paned glass windows and produce an intense flash (2 million candlepowers) and bang (170-180db) upon functioning. The grenade body remains intact and does not produce fragmentation. This item is Code "A" approved for service use.</p> <p>Justification: The FY2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$3.0 million) procures an additional 25 thousand grenades. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter 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, STUN, M84 (E84900)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
GLOBAL WAR ON TERRORISM	A												
AMMUNITION HARDWARE													
Complete Round								2451	25	98			
SubTotal AMMO Hardware								2451					
Production Support Costs													
Production Engineering								549					
SubTotal Prod. Support							549						
SUBTOTAL GWOT REQUEST													
Total:								3000		120			

Exhibit P-5a, Budget Procurement History and Planning											Date: September 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: GRENADE, STUN, M84 (E84900)							
WBS Cost Elements:		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Complete Round FY 2008		UPCO Phoenix, AZ		SS/OPT	Picatinny, NJ	Mar 08	Mar 09	25	98			
REMARKS:												

FY 08 / 09 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE GRENADE, STUN, M84 (E84900)										Date: September 2007														
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 08											Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Complete Round																																		
1	FY 08 GWOT	A	25	0	25						A														5	5	5	5	5			0		
Total			25		25																				5	5	5	5	5					
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 1	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
1	UPCO, Phoenix, AZ	5	10	25			6	8	15	23																								
							6	6	12	18																								
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature CTG, 12 GA, NON-LETHAL, M1012 (E86400)						
Program Elements for Code B Items:			Code: A		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				202							202
Gross Cost				1.0							1.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				1.0							1.0
Initial Spares											
Total Proc Cost				1.0							1.0
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The 12 GA Non Lethal cartridge, M1012, is designed to engage single individuals who are taking part in a civil disturbance in area controlled by US Army soldiers during war operations or Stabilization and Support Operations. The projectile consists of a rubber fin stabilized projectile. The projectile is non-lethal, low hazard and non-shrapnel producing, which upon impact, generates a temporary trauma to the body with the intent to confuse, disorient and/or momentarily distract/deter potential threat personnel. This item is Code "A" approved.</p> <p>Justification: The FY2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$1.0 million) procures an additional 202 thousand cartridges. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter 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: CTG, 12 GA, NON-LETHAL, M1012 (E86400)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
GLOBAL WAR ON TERRORISM	A												
AMMUNITION HARDWARE													
Complete Round								761	202	4			
SubTotal AMMO Hardware								761					
Production Support Costs													
Production Engineering								239					
SubTotal Prod. Support							239						
SUBTOTAL GWOT REQUEST							1000						
Total:							1000			5			

Exhibit P-5a, Budget Procurement History and Planning											Date: September 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: CTG, 12 GA, NON-LETHAL, M1012 (E86400)							
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	
Complete Round FY 2008 GWOT	Defense Technologies Corp Jacksonville, FL		SS/OPT	Picatinny, NJ	Mar 08	Mar 09	202	4				
REMARKS:												

FY 08 / 09 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE CTG, 12 GA, NON-LETHAL, M1012 (E86400)										Date: September 2007														
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 08											Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Complete Round																																		
1	FY 08 GWOT	A	202	0	202						A														28	28	28	28	28	28	28	6		
Total																									28	28	28	28	28	28	28	6		
						O C T	N O V	D E C	J A N	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 Technologies Corp, Jacksonville, FL					40	80	200		1	Initial		6	8	15	23	This round is also purchased as part of the Non-Lethal Capabilities Set. Production is continuous.																	
											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;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature CTG 40MM NON-LETHAL M1006 (E89000)						
Program Elements for Code B Items:			Code: A		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				79							79
Gross Cost				2.0							2.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				2.0							2.0
Initial Spares											
Total Proc Cost				2.0							2.0
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The 40mm Non-Lethal munition, M1006, is a sponge grenade that is launched from M203 Grenade Launcher without any modifications to the weapon. The M1006 has been designed to incapacitate a targeted individual with non-lethal blunt trauma from 10 to 50 meters. The cartridge incorporates a propulsion system that utilizes smokeless powder. The projectile is made from polyolafin foam and the body utilizes thermoplastic polyester. This item is Code A, approved for Service use.</p> <p>Justification: The FY2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$2.0 million) procures an additional 79 thousand cartridges. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter 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: CTG 40MM NON-LETHAL M1006 (E89000)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
GLOBAL WAR ON TERRORISM	A												
AMMUNITION HARDWARE													
Complete Round								1702	79	21			
SubTotal AMMO Hardware								1702					
Production Support Costs													
Production Engineering								279					
Acceptance Testing								19					
SubTotal Prod. Support							298						
SUBTOTAL GWOT REQUEST													
Total:								2000					

Exhibit P-5a, Budget Procurement History and Planning											Date: September 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: CTG 40MM NON-LETHAL M1006 (E89000)							
WBS Cost Elements:		Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Complete Round FY 2008		AMTEC CORP Janesville, WI		C/OPT	Picatinny, NJ	Mar 08	Mar 09	79	21			
REMARKS:												

FY 08 / 09 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE CTG 40MM NON-LETHAL M1006 (E89000)										Date: September 2007														
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT				Calendar Year 08											Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Complete Round																																		
1	FY 08 GWOT	A	79	0	79						A														18	18	18	18	7			0		
Total																									18	18	18	18	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 1		ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS This round is also purchased as part of the Non-Lethal Capabilities Set. Production is continuous.																		
						MIN	1-8-5	MAX				Prior 1 Oct	After 1 Oct																					
1	AMTEC CORP, Janesville, WI	10	25	50			6	8	15	23																								
							6	6	12	18																								
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											
							Initial																											
							Reorder																											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition						P-1 Item Nomenclature CTG 40MM NON-LETHAL CROWD DISPERSAL, M1029 (E90400)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				92							92
Gross Cost				1.6							1.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				1.6							1.6
Initial Spares											
Total Proc Cost				1.6							1.6
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The 40mm Crowd Dispersal Cartridge (CDC) is an aluminum cartridge of similar proportions to standard 40mm launcher grenades. The payload is a foam rubber (sponge) projectile. The M1029 is used to incapacitate personnel without any penetration to the individual's body. It is used for riot control, policing, and peace keeping situations. The 40mm M203 Grenade launcher is the only weapon that is authorized to be used to fire the M1029.</p> <p>Justification: The FY2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY2008 GWOT (\$1.6 million) procures an additional 87 thousand cartridges. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter 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: CTG 40MM NON-LETHAL CROWD DISPERSAL, M1029 (E90400)			Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
BASIC APPROPRIATION													
AMMUNITION HARDWARE													
Complete Round								66	5	14			
Subtotal Ammo Hardware								66					
Production Support Costs													
Production Engineering								35					
Quality Assurance								1					
SubTotal Prod. Support								36					
SUBTOTAL BASIC APPROPRIATION								102					
GLOBAL WAR ON TERRORISM													
AMMUNITION HARDWARE													
Complete Round								1225	87	14			
Subtotal Ammo Hardware								1225					
Production Support Costs													
Production Engineering								225					
Quality Assurance								50					
SubTotal Prod. Support								275					
SUBTOTAL GWOT REQUEST								1500					
Total:								1602					

Exhibit P-5a, Budget Procurement History and Planning										Date: September 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: CTG 40MM NON-LETHAL CROWD DISPERSAL, M1029 (E90400)						
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
BASIC APPROPRIATION Complete Round FY 2008	Defense Technologies Inc Jacksonville, FL		SS/OPT	Picatinny, NJ	Mar 08	Mar 09	5	14			
GLOBAL WAR ON TERRORISM Complete Round FY 2008	Defense Technologies Inc Jacksonville, FL		SS/OPT	Picatinny, NJ	Mar 08	Mar 09	87	14			
REMARKS:											

FY 08 / 09 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE CTG 40MM NON-LETHAL CROWD DISPERSAL, M1029 (E90400)										Date: September 2007														
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Complete Round																																		
1	FY 08	A	5	0	5						A																						0	
Complete Round																																		
1	FY 08 GWOT	A	87	0	87																												0	
Total			92		92																													
						O C T	N O V	D E C	J A N	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 round is also purchased as part of the Non-Lethal Capabilities Set. Production is continuous.																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
1	Defense Technologies Inc, Jacksonville, FL	10	20	50				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;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature NON LETHAL CAPABILITIES SET (E91800)						
Program Elements for Code B Items:			Code: A		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				153							153
Gross Cost				68.7							68.7
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				68.7							68.7
Initial Spares											
Total Proc Cost				68.7							68.7
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The Non-Lethal Capabilities Set (NLCS) is used by soldiers in peacekeeping, civil disturbances, and other operations other than war, to provide the friendly force a non-lethal means to temporarily distract/disorient non-combatants. The set includes Soldier Protection Items, non-lethal munitions, training items and other items. The current set is designed to equip a platoon (30 soldiers). All components of this set are code A, approved for service use.</p> <p>Justification: The FY2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$46.5 million) procures an additional 106 platoon level Non-Lethal Capability Sets. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter 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 CAPABILITIES SET (E91800)				Weapon System Type:		Date: September 2007		
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Sets	\$	\$000	Sets	\$	\$000	Sets	\$	\$000	Sets	\$
BASIC APPROPRIATION													
HARDWARE													
Set Assembly and Pack								752	47	16			
Riot Control Gear								5646	47	120			
Other Non-Lethal Ammunition								14316					
Subtotal Hardware								20714					
PRODUCTION SUPPORT COSTS													
Production Engineering								1150					
Integrated Logistic Support								385					
Subtotal Production Support								1535					
NONRECURRING COSTS													
Special Tooling and Test Support													
Total Nonrecurring costs													
SUNTOTAL BASIC APPROPRIATION								22249					
GLOBAL WAR ON TERRORISM													
HARDWARE													
Set Assembly and Pack								1689	106	16			
Riot Control Gear								12674	106	120			
Other Non-Lethal Ammunition								32137					
SUBTOTAL HARDWARE								46500					
SUBTOTAL GWOT REQUEST								46500					
Total:								68749		449			

Exhibit P-5a, Budget Procurement History and Planning										Date: September 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: NON LETHAL CAPABILITIES SET (E91800)						
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Sets	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
BASIC APPROPRIATION											
Set Assembly and Pack											
FY 2008	Crane Army Ammo Activity Crane, IN		SS/FP	Picatinny, NJ	Mar 08	Mar 09	47	16	Y		
Riot Control Gear											
FY 2008	Aardvark Azusa, CA		SS/FP	Picatinny, NJ	Mar 08	Dec 08	47	120	Y		
GLOBAL WAR ON TERRORISM											
Set Assembly and Pack											
FY 2008	Crane Army Ammo Activity Crane, IN		SS/FP	Picatinny, NJ	Mar 08	Jun 09	106	16			
Riot Control Gear											
FY 2008	Aardvark Azusa, CA		SS/FP	Picatinny, NJ	Mar 08	Mar 09	106	120			
REMARKS:											

FY 08 / 09 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE NON LETHAL CAPABILITIES SET (E91800)										Date: September 2007														
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Set Assembly and Pack																																		
1	FY 08	A	47	0	47						A															12	12	12	11				0	
Set Assembly and Pack																																		
1	FY 08 GWOT	A	106	0	106																								2	13	13	13	65	
Total			153		153																						12	12	12	13	13	13	13	65
						O C T	N O V	D E C	J A N	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 Supplemental production will take place at the conclusion of the base appropriation buy. Lead times do not apply.																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
1	Crane Army Ammo Activity, Crane, IN					1	10	25			6	8	15	23																				
										6	8	12	20																					

FY 10 / 11 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE NON LETHAL CAPABILITIES SET (E91800)										Date: September 2007														
COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10														Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Set Assembly and Pack																																		
1	FY 08	A	47	47																											0			
Set Assembly and Pack																																		
1	FY 08 GWOT	A	106	41	65	13	13	13	13	13																					0			
Total			153	88	65	13	13	13	13	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	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																						
	1	Crane Army Ammo Activity, Crane, IN					1	Initial	6	8	15	23																						
								Reorder	6	8	12	20																						
								Initial																										
								Reorder																										
								Initial																										
								Reorder																										
								Initial																										
								Reorder																										

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition						P-1 Item Nomenclature ITEMS LESS THAN \$5 MILLION (EA0055)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				8.1							8.1
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				8.1							8.1
Initial Spares											
Total Proc Cost				8.1							8.1
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: This budget line includes Miscellaneous Ammunition Items Under \$5 million.</p> <p>FY 2008 Base Appropriation - \$6.6 million FY 2008 Global War on Terrorism (GWOT) - \$1.5 million FY 2008 Total - \$8.1 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: ITEMS LESS THAN \$5 MILLION (EA0055)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG 12 GAUGE SHOTGUN 00 BUCKSHOT								155	354	0.44			
CTG 12 GAUGE BREACHING ROUND								2226	712	3.13			
CTG 10 GAUGE BLANK								61	69	0.88			
CTG .30 CAL BLANK								847	2791	0.30			
SPECIAL TRAINING AMMO								1041					
EOD ITEMS FOR PAN DISRUPTER								492					
USAMTU FT BENNING								355					
AMMUNITION PROGRAM SUPPORT								2887					
Total:								8064					

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition					P-1 Item Nomenclature CTG 12 GAUGE BREACHIING ROUND (E92100)						
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				712							712
Gross Cost				2.2							2.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				2.2							2.2
Initial Spares											
Total Proc Cost				2.2							2.2
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: The M1030 12-Gauge Shotgun cartridge contains a frangible slug consisting of powdered steel with a wax binder. The cartridge is 2.45 inches long with a diameter of 0.88 inches. This cartridge is used to gain access through high doors and entryways. This item is Code A, approved for Service use.</p> <p>Justification: FY 2008 Global War on Terrorism (GWOT) request procures additional assets to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY 2008 GWOT (\$1.5 million) procures an additional .538 million cartridges. This requirement is based on operational expenditures and supports approved Army ammunition war-fighter 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: CTG 12 GAUGE BREACHIING ROUND (E92100)					Weapon System Type:		Date: September 2007	
AMMO Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 08 BASE APPROPRIATION													
AMMUNITION HARDWARE													
COMPLETE ROUND								485	174	2.79			
H/W SUBTOTAL								485					
PRODUCTION SUPPORT COSTS													
PRODUCTION ENGINEERING								241					
PROD SUPPORT SUBTOTAL								241					
FY 08 GWOT HARDWARE													
AMMUNITION HARDWARE													
COMPLETE ROUND								1500	538	2.79			
H/W SUBTOTAL								1500					
Total:								2226		3.13			

Exhibit P-5a, Budget Procurement History and Planning											Date: September 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: CTG 12 GAUGE BREACHIING ROUND (E92100)							
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	
COMPLETE ROUND FY 2008	TO BE SELECTED		C/OPT	PICATINNY ARSENAL, NJ	Jan 08	May 08	174	2.79	Y			
COMPLETE ROUND FY 2008 GWOT	TO BE SELECTED		C/OPT	PICATINNY ARSENAL, NJ	Jan 08	May 08	538	2.79	Y			
REMARKS:												

<table border="1"> <tr> <td colspan="14">FY 08 / 09 BUDGET PRODUCTION SCHEDULE</td> <td colspan="10">P-1 ITEM NOMENCLATURE CTG 12 GAUGE BREACIIING ROUND (E92100)</td> <td colspan="4">Date: September 2007</td> </tr> </table>																												FY 08 / 09 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE CTG 12 GAUGE BREACIIING ROUND (E92100)										Date: September 2007			
FY 08 / 09 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE CTG 12 GAUGE BREACIIING ROUND (E92100)										Date: September 2007																															
COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later																					
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09																																			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																										
COMPLETE ROUND																																																							
1	FY 08	A	174	0	174				A				15	15	15	15	15	15	15	15	15	15	15	15	15	9				0																									
1	FY 08	CG	15	0	15				A				1	1	1	1	1	1	1	1	1	1	1	1	1	4				0																									
COMPLETE ROUND																																																							
1	FY 08 GWOT	A	538	0	538				A				44	44	44	44	44	44	44	44	44	44	44	44	44	54				0																									
Total			727		727								60	60	60	60	60	60	60	60	60	60	60	60	60	67																													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																										
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR 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					15	100	120			Initial	3	4	4	8																																								
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Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 2 / Ammunition production base support						P-1 Item Nomenclature PROVISION OF INDUSTRIAL FACILITIES (EP1000)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	3922.4			200.6							4123.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	3922.4			200.6							4123.0
Initial Spares											
Total Proc Cost	3922.4			200.6							4123.0
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: This supplemental budget line includes Provision of Industrial Facilities.</p> <p>FY 2008 Base Appropriation: \$143.708 Million FY 2008 GWOT Request: \$0 Million FY 2008 GWOT Cost Adjustment Request: \$200.600 Million FY 2008 Total: \$344.308 Million</p>											

Exhibit P-40, Budget Item Justification Sheet										Date: <div style="text-align: right;">September 2007</div>	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 2 / Ammunition production base support						P-1 Item Nomenclature INDUSTRIAL FACILITIES (EP1200)					
Program Elements for Code B Items:			Code:		Other Related Program Elements:						
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	3922.4			344.3							4266.7
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	3922.4			344.3							4266.7
Initial Spares											
Total Proc Cost	3922.4			344.3							4266.7
Flyaway U/C											
Weapon System Proc U/C											
<p>Description: This budget line includes funding for correction of environmental deficiencies at existing facilities and replacement, upgrade and modernization of obsolete or worn production equipment and/or plant infrastructure.</p> <p>Justification: FY 2008 Global War on Terror (GWOT) cost adjustment request supports the establishment, augmentation, and improvement of production capability for ammunition programs. The necessary Industrial Facilities efforts include modernization of key electrical systems, production controls, computer systems and plant infrastructure. Industrial Facilities funds also support the correction of environmental problems which, if left uncorrected, would result in costly fines, penalties, and potential plant closure.</p> <p>FY 2008 Base Appropriation: \$143.7 Million FY 2008 GWOT Request: \$0 Million FY 2008 GWOT Cost Adjustment Request: \$200.6 Million FY 2008 Total: \$344.3 Million</p>											

Exhibit P-40C, Budget Item Justification Sheet				Date: September 2007																																																																																																																																																												
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 2 / Ammunition production base support			P-1 Item Nomenclature INDUSTRIAL FACILITIES (EP1200)																																																																																																																																																													
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Facility	5083448			3443		Iowa Army Ammunition Plant	(SUPPL) Insensitive Munitions (IM) Flexible Artillery Manufacturing System	5083809			6137		Iowa Army Ammunition Plant	(SUPPL) Replace Security Fence, General Area	5083914			5244		Lake City Army Ammunition Plant	(SUPPL) Air Conditioning Unit (ACU) Ductwork, Building 38, Explosives Area	5082729			404		Lake City Army Ammunition Plant	(SUPPL) External Steam Line Upgrade	5083429			678		Lake City Army Ammunition Plant	(SUPPL) Ductwork Rotocloner-Heating, Ventilation, Air Conditioning (HVAC)	5083458			664		Lake City Army Ammunition Plant	(SUPPL) Trinitroresorcinal (TNR) Process Expansion	5083810			1113		Lake City Army Ammunition Plant	(SUPPL) Emergency Generator, Building 45	5083938			404		Lake City Army Ammunition Plant	(SUPPL) Fire Alarm Evacuation System	5083976			456		Lake City Army Ammunition Plant	(SUPPL) Production Support Equipment Replacement (PSR)	5085332			2971		Milan Army Ammunition Plant	(SUPPL) 40mm High-Velocity Production Expansion	5083471			1594		Milan Army Ammunition Plant	(SUPPL) Modernize 40mm Production Line	5083872			3515		Milan Army Ammunition Plant	(SUPPL) Water System Upgrade	5083940			2446		Milan Army Ammunition Plant	(SUPPL) Production Support Equipment Replacement (PSR)	5085317			1111		Radford Army Ammunition Plant	(SUPPL) Solvent Recovery, New Still House & Tanks (Design)	5082650			977		Radford Army Ammunition Plant	(SUPPL) Replace Storage Tanks, Acid Area Tank Farm	5082719			3941		Radford Army Ammunition Plant	(SUPPL) Fire and Emergency Services Center	5082884			4700		Radford Army Ammunition Plant	(SUPPL) Safe Drinking Water Act, Horseshoe Area	5083003			3943	
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Exhibit P-40C, Budget Item Justification Sheet					Date: September 2007	
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 2 / Ammunition production base support			P-1 Item Nomenclature INDUSTRIAL FACILITIES (EP1200)			
Program Elements for Code B Items:		Code:	Other Related Program Elements:			
<u>Location</u>	<u>Project Title</u>	<u>Project</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Radford Army Ammunition Plant	(SUPPL) Acid Plant Modernization	5083120			33900	
Radford Army Ammunition Plant	(SUPPL) Nitrocellulose (NC) Facilities Upgrade	5083423			17486	
Radford Army Ammunition Plant	(SUPPL) Various Hazardous Waste Site Screenings	5083430			378	
Radford Army Ammunition Plant	(SUPPL) Road System Upgrade	5083434			968	
Radford Army Ammunition Plant	(SUPPL) Replace Refrigeration System, Nitroglycerin (NG)-2	5083477			1168	
Radford Army Ammunition Plant	(SUPPL) Replace Production and Inventory Management Control (PRIMAC) System	5083483			786	
Radford Army Ammunition Plant	(SUPPL) Design New Solventless Propellant Manufacturing Facility	5083816			25711	
Radford Army Ammunition Plant	(SUPPL) Upgrade Nitrocellulose (NC) Biodegradation Facility	5083924			3063	
Radford Army Ammunition Plant	(SUPPL) Safe Drinking Water Act, Production Areas	5083929			5083	
Radford Army Ammunition Plant	(SUPPL) Production Support Equipment Replacement (PSR)	5085326			4274	
Scranton Army Ammunition Plant	(SUPPL) Electrical Upgrades, Plant Wide	5082985			2476	
Scranton Army Ammunition Plant	(SUPPL) Cooling Tower, Production Shop	5083475			1310	
Scranton Army Ammunition Plant	(SUPPL) Modernize Forge Shop Rotary Furnaces	5083916			4347	
	Subtotal - Production		0	0	156,791	0
<u>Environmental</u>						
Iowa Army Ammunition Plant	(SUPPL) Iowa Steam Plant NESHAP MACT	5083436			5194	
Lake City Army Ammunition Plant	(SUPPL) Underground Sewer Line Upgrade	5083373			3534	
Lake City Army Ammunition Plant	(SUPPL) Industrial Waste Treatment Upgrade	5083426			1214	
Radford Army Ammunition Plant	(SUPPL) Drinking Water Distribution Upgrade	5083005			3961	
Radford Army Ammunition Plant	(SUPPL) Rebuild C-Line Solvent Recovery System	5083006			4285	
Radford Army Ammunition Plant	(SUPPL) Hazardous Waste Tanks, Boiling Tub Pits	5083435			4928	
Radford Army Ammunition Plant	(SUPPL) Coal-Fired Steam Plant Environmental	5083915			19471	

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