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

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

Appropriation: **AMMUNITION**

Activity: 1. **AMMUNITION**

	Ι	T	(DOLS)				(THOUSAND	S OF DOL	LARS)		
LINE	ITEM		FY 00						OT Cost		/08
NO.	NOMENCLATURE	ID	UNIT COST	QTY	B Baseline COST	QTY	T Request COST	Adj QTY	ustment COST	QTY	otal COST
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	SMALL/MEDIUM CALIBER AMMUNITION										
2	CTG, 7.62MM, ALL TYPES (E02000)	Α			68,045		10,000				78,045
4	CTG, .50 CAL, ALL TYPES (E08000)	Α			179,466		13,500				192,966
6	CTG, 25MM, ALL TYPES (E08200)	Α			29,243		15,000				44,243
7	CTG, 30MM, ALL TYPES (ER8120)	Α			21,759		40,000				61,759
8	CTG, 40MM, ALL TYPES (ER8001)	А			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

Appropriation: **AMMUNITION**

Activity: 1. **AMMUNITION**

		(DOLS)								
ITEM		FY 00								Y08
NOMENCLATURE	ID									otal COST
(2)		0031								(12)
OTHER AMMUNITION				` '	, ,	` '			, ,	, ,
DEMOLITION MUNITIONS, ALL TYPES (E55400)	А			30,945		8,000				38,945
GRENADES, ALL TYPES (E34000)	В			72,392		10,000				82,392
SIMULATORS, ALL TYPES (E51200)	А			21,608		8,000				29,608
SUB-ACTIVITY TOTAL				 124,945		26,000				 150,945
MISCELLANEOUS										
NON-LETHAL AMMUNITION, ALL TYPES (E91901)	Α			25,241		54,000				79,241
ITEMS LESS THAN \$5 MILLION (EA0055)	А			6,564		1,500				8,064
SUB-ACTIVITY TOTAL				 31,805		 55,500				 87,305
PRODUCTION BASE SUPPORT										
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
	OTHER AMMUNITION DEMOLITION MUNITIONS, ALL TYPES (E55400) GRENADES, ALL TYPES (E34000) SIMULATORS, ALL TYPES (E51200) SUB-ACTIVITY TOTAL **MISCELLANEOUS** NON-LETHAL AMMUNITION, ALL TYPES (E91901) ITEMS LESS THAN \$5 MILLION (EA0055) SUB-ACTIVITY TOTAL **PRODUCTION BASE SUPPORT** PROVISION OF INDUSTRIAL FACILITES (EP1000) SUB-ACTIVITY TOTAL	NOMENCLATURE (2) **OTHER AMMUNITION** DEMOLITION MUNITIONS, ALL TYPES (E55400) A GRENADES, ALL TYPES (E34000) SIMULATORS, ALL TYPES (E51200) A SUB-ACTIVITY TOTAL **MISCELLANEOUS** NON-LETHAL AMMUNITION, ALL TYPES (E91901) A ITEMS LESS THAN \$5 MILLION (EA0055) A SUB-ACTIVITY TOTAL **PRODUCTION BASE SUPPORT** PROVISION OF INDUSTRIAL FACILITES (EP1000) SUB-ACTIVITY TOTAL	ITEM NOMENCLATURE (2) **OTHER AMMUNITION** DEMOLITION MUNITIONS, ALL TYPES (E55400) GRENADES, ALL TYPES (E34000) SIMULATORS, ALL TYPES (E51200) A SUB-ACTIVITY TOTAL **MISCELLANEOUS** NON-LETHAL AMMUNITION, ALL TYPES (E91901) A ITEMS LESS THAN \$5 MILLION (EA0055) A SUB-ACTIVITY TOTAL **PRODUCTION BASE SUPPORT** PROVISION OF INDUSTRIAL FACILITES (EP1000) SUB-ACTIVITY TOTAL	ITEM NOMENCLATURE (2) **OTHER AMMUNITION** DEMOLITION MUNITIONS, ALL TYPES (E55400) GRENADES, ALL TYPES (E34000) SIMULATORS, ALL TYPES (E51200) **MISCELLANEOUS** NON-LETHAL AMMUNITION, ALL TYPES (E91901) A ITEMS LESS THAN \$5 MILLION (EA0055) A SUB-ACTIVITY TOTAL **PRODUCTION BASE SUPPORT** PROVISION OF INDUSTRIAL FACILITES (EP1000) SUB-ACTIVITY TOTAL	TEM NOMENCLATURE	TEM NOMENCLATURE	TEM	ID	TEM NOMENCLATURE	TEM NOMENCLATURE ID

Table of Contents - Procurement of Ammunition, Army

BLIN	SSN	Nomenclature	Page
002	E02000	CTG, 7.62MM, ALL TYPES	1
004	E08000	CTG, .50 CAL, ALL TYPES	
006	E08200	CTG, 25MM, ALL TYPES	23
007	ER8120	CTG, 30MM, ALL TYPES	30
008	ER8001	CTG, 40MM, ALL TYPES	37
015	E21101	CTG, ARTY, 105MM: ALL TYPES	60
018	E27501	Modular Artillery Charge System (MACS), All Types	67
024	EA4000	SHOULDER FIRED ROCKETS, ALL TYPES	76
025	E37300	ROCKET, HYDRA 70, ALL TYPES	83
026	E55400	DEMOLITION MUNITIONS, ALL TYPES	91
027	E34000	GRENADES, ALL TYPES	108
029	E51200	SIMULATORS, ALL TYPES	124
031	E91901	Non-Lethal Ammunition, All Types	
033	EA0055	ITEMS LESS THAN \$5 MILLION	
038	EP1000	PROVISION OF INDUSTRIAL FACILITIES	

Exhibit P-40, Budget Ite	m Justifica	tion Sheet	•					Date:		ptember 2007	
Appropriation / Budget Activity / Seri Procurement of Ammunition, Army					P-1 Item No	omenclature FG, 7.62MM, ALL	TYPES (E02000)				
Program Elements for Code B Items:		Code:	(Other Related Pro	gram Element	cs:					
	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		1									
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		1									
Description: This budget line includes 7.62MM AL FY 2008 Base Appropriation - \$68.0 n FY 2008 Global War on Terrorism (G' FY 2008 Total - \$78.0 million	nillion	nillion									

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	riation/Budget A rement of Ammu	ctivity/Seri inition, Arn	al No: ny / 1 / Ammunit			omenclature: ALL TYPES (E02	000)		Weapon System	n Type:	Date:	September 200
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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	Justificatio	n Sheet						Date:		ptember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army					P-1 Item No	omenclature FG 7.62MM ARM	OR PIERCING M	993 (F47500)			
Program Elements for Code B Items:		Code:	A	Other Related Pro	gram Elemen	s:					
	Prior Years	FY 2006	FY 200	7 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											
The M993 7.62mm Armor Piercing (A in a brass cartridge case to which the p cartridge that can defeat lightly armore. Justification: FY 2008 Global War on Terrorism (G military capabilities. FY 2008 GWOT ammunition war-fighter requirements.	projectile is secured targets within WOT) request p	red. The projetypical mediu	ectile consi im machino onal assets	sts of a tungsten co e gun engagement r to prosecute the G	re penetrator, ranges. The it	which is enclosem is Code A,	approved for	acket. The armservice use.	nor penetrating	g capabilities pr	ovide for a

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	oriation/Budget A arement of Ammu	ctivity/Seri inition, Arr	al No: ny / 1 / Ammunit			menclature: RMOR PIERCIN	G M993 (F47500)		Weapon System	n Type:	Date:	September 200
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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			

Exhibit P-5a, Budget Procureme	ent History and Planning							ate: eptemb	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:	P-1 Line Item CTG 7.62MM	Nomenclature: 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	RFI Issu Dat
FY 08 BASE APPROPRIATION										
LOAD, ASSEMBLE, PACK										
FY 2008	Alliant Tech (LCAAP) Independence, MO	SS/FP	ROCK ISLAND, IL	Mar 08	Jan 09	5652	0.26	Y		
M993 7.62MM AP PENETRATOR										
FY 2008	Nordic Ammo Co (NAMMO) Karlsborg, Sweden	SS/OPT	ROCK ISLAND, IL	Nov 07	Sep 08	4522	1.81	Y		
FY 08 GWOT										
LOAD, ASSEMBLE, PACK										
FY 2008	Alliant Tech (LCAAP) Independence, MO	SS/FP	ROCK ISLAND, IL	Mar 08	Jan 09	5787	0.26	Y		
M993 7.62MM AP PENETRATOR										
FY 2008	Nordic Ammo Co (NAMMO) Karlsborg, Sweden	SS/OPT	ROCK ISLAND, IL	Nov 07	Sep 08	4691	1.81	Y		

		F	Y 08 /	09 BU	DGE	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEI CTG 7.6	M NOME 2MM AF			G M993	3 (F4750	00)			Dat		Septem	ber 2007	7			
	C	OST	ELEM	IENTS	}]	Fiscal Y	ar 08											Fiscal Y	ear 09						
		1	1	1	1				1																					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	8								Calen	dar Yea	ır 09				
F	FY	R	x1Mil	ТО	AS OF	O C	N O	D E	J	F E	M	A P	M	J U	J U	A U	S E	O C	N O	D E	J	F E	M	A P	M	J U	J U	A U	S E	
R		V		1 OCT	1 OCT	T	V	C	A N	В	A R	R	A Y	N	L	G	P	T	V	C	A N	В	A R	R	A Y	N	L	G	P	Later
LOA	AD, AS	SEMBL	E, PACK			•					•																			
_	FY 08	A	5.65	0.00							A										0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	1.15
	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									0.00
1	FY 08	SOF	0.48	0.00	0.48																0.10	0.10	0.10	0.10	0.08		l			0.00
LOA	AD, AS	SEMBL	E, PACK	-																										
	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
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Tota	1	1	12.60		12.60																1.30	1.20	1.20	1.20	1.18	1.08	1.00	1.00	1.00	2.44
						О	N	D	J	F	M	A	M	J	J	A	S	О	N	D	J	F	M	Α	M	J	J	A	S	
						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
M								PRODU	ICTION I	RATES						A	DMIN L	EAD T	IME		MFR		TOTA	AL.	REMA	RKS				1
F											Reach	ed M	FR			Pric	or 1 Oct	After	r 1 Oct	Aft	er 1 Oct		After 1	Oct	FY08 C	WOT A	ALT 2-9-	-7-16		
R			Nam	e - Locati	on		1	MIN	1-8-5	MAX	D+	1	l In	itial			2		6		11		17							
1	Alliant	Tech (LCAAP),	Independ	ence, MC)			1.50	4.00			R	eorder			2		6		7		13							
													In	itial																
													R	eorder																
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													In	itial																
													R	eorder																

		F	Y 10 /	11 BU	DGET	Γ PR(ODUC	CTIO	N SCI	HEDU	LE				M NOME 52MM AF			G M99	3 (F4750	00)			Dat	te:	Septen	nber 200	7			
	C	OST	ELEM	IENTS)						Fiscal Yo	ar 10											Fiscal Y	Year 11						
		1	1	ı	1				1											1										
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE			ļ						Calenda	ar Year 1	0								Cale	ndar Ye	ar 11				
F R	FY	R V	x1Mil	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
LO	AD, AS	SEMBL	E, PACK						•		•	•																		
1	FY 08	A	5.65	4.50	1.15	0.40	0.40	0.35																						0.00
1	FY 08	AF	0.58	0.58																										0.00
1	FY 08	NS	0.10	0.10				1																						0.00
1	FY 08	SOF	0.48	0.48				1																						0.00
LO	AD, AS	SEMBL	E, PACK																											
	FY 08 GWOT	A	5.79	4.50	1.29	0.50	0.50	0.29																						0.00
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						\vdash									+ +															
Tot	al	<u>l</u>	12.60	10.16	2.44	0.90	0.90	0.64																						
				I	1	0	N	D	J	F	M	A	M	J	J	A	S	О	N	D	J	F	M	A	M	J	J	A	S	
						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
M							!	PRODU	CTION	RATES						Α	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA	.RKS				
F											Reach	d MF	FR.			Pric	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R				e - Locati			N	MIN	1-8-5	MAX	D+	1	In	tial			2		6		11		17							
1	Allian	t Tech (l	LCAAP),	Independ	ence, MC)			1.50	4.00			Re	order			2		6		7		13							
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Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:		otember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /					P-1 Item No		TYPES (E08000)		501	Sember 2007	
Program Elements for Code B Items:		Code	:	Other Related Pro	ogram Element	s:					
	Prior Years	FY 2006	FY 200	7 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	Approp Procu	riation/Budget A rement of Ammu	ctivity/Seri inition, Arn	al No: ny / 1 / Ammunit			omenclature: ALL TYPES (E08	(000)		Weapon System	n Type:	Date:	September 2007
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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 SNGLE								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			
1													
Total:								192966					l

												
Exhibit P-40, Budget Item	Justificatio	n Sł	heet						Date		ptember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /						P-1 Item No	omenclature FG CAL .50 LINK	ED 4 API/1 API T	RACER W/M9 LI	INK (E06903)		
Program Elements for Code B Items:		•	Code:	A	Other Related Pro	gram Element	ts:					
	Prior Years	FY	2006	FY 200	7 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												
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.

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.

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	oriation/Budget A prement of Ammu	ctivity/Seri inition, Arr	al No: ny / 1 / Ammuniti		CAL .50 LI	menclature: NKED 4 API/1 A	API TRACER W/M	19 LINK	Weapon Syster	m Type:	Date:	September 200
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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 Procureme	nt History and Planning							ate: eptembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: LINKED 4 API/1 API TRA	CER W/M9 LINI	K (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	RFF 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		

		FY 08	/ 09 BU	J DGE T	ΓPR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN CTG CA				API TRA	ACER W	/M9 LIN	NK (E069	903)	Date		Septem	ber 2007	,			
	COST	Γ ELEN	(FNTC	!						Fiscal Y	ear 08											Fiscal Y	ear 09						
	COSI		ILINIS	,																									
	S	PROC	ACCEP										Calenda	r Year 0	8								Calen	dar Yea	ır 09				
M	, E		PRIOR	DUE	0	N	D	J	F	м		м	J	J		c	0	N	D	J	F	м	Α.	м	J	J	Δ.	S	
F F	Y R		TO 1 OCT	AS OF 1 OCT	C T	O V	E C	A N	E B	M A R	A P R	M A Y	U N	U L	A U G	S E P	C T	O V	E C	A N	E B	M A R	A P R	M A Y	U N	U L	A U G	E P	Later
LOAD,	ASSEMI	BLE, PACK	ζ																										
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	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	0.08	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	0.06	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	0.14	0.00
1 FY	08 NS	1.60	0.00					A									0.20	0.19	0.19	0.19	0.19	0.20	0.19	0.19	0.06				0.00
1 FY	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	0.04	0.00
LOAD,	ASSEMI	BLE, PACI			•	•						•																	
1 FY GW		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	0.21	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	
				1	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	
					C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
							•		•	,			•					•								,		,	
M							PRODU	JCTION 1	RATES						Α	DMIN L	EAD T	IME	1	MFR		TOTA	L	REMA	RKS				'
F										Reacl	ned M	FR			Pric	or 1 Oct	After	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R		Nan	ne - Locati	ion		1	MIN	1-8-5	MAX	D-	-	1 Ini	tial			6		4		9		13							
1 AI	LIANT	TECH (LC	AAP), IND	DEPENDI	ENCE, N	ИΟ		1.15	3.96			Re	order			0		9		9		18							
												Ini	tial																
												Re	order																
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											_		order																
												Ini																	
1						1			1			Re	order																

Exhibit P-40, Budget Item	Justification	n Shee	t					Date:		otember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army					P-1 Item No	omenclature FG CAL .50 HIGH	PRESSURE TES	Г (Е07900)			
Program Elements for Code B Items:		Cod	e:	Other Related Pro	ogram Elemen	ts:					
	Prior Years	FY 200	06 FY 200°	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											<u> </u>
Gross Cost				0.5							0.5
Less PY Adv Proc											İ
Plus CY Adv Proc											<u> </u>
Net Proc P1				0.5							0.5
Initial Spares											<u> </u>
Total Proc Cost				0.5							0.5
Flyaway U/C											
Weapon System Proc U/C											
D 1 11				<u> </u>			·				

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.

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

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	oriation/Budget A rement of Ammu	ctivity/Seri mition, Arn	al No: ny / 1 / Ammunit		Line Item No G CAL .50 H	omenclature: IGH PRESSURE	TEST (E07900)		Weapon System	m Type:	Date:	September 200
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cos	t 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, and Pack								484	147	3.30			
Box Metal M2A1								16	1	10.83			
SubTotal AMMO Hardware								500					
Total:								500		3.41			

Exhibit P-5a, Budget Procureme	ent History and Planning							ate: eptembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: HIGH PRESSURE TEST (E)7900)						
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	RFF Issue Date
FY 08 GWOT HARDWARE										
Load, Assemble, and Pack										
FY 2008	ALLIANT TECH (LCAAP) INDEPENDENCE, MO	SS/FP	ROCK ISLAND, IL	Jan 08	Oct 08	147	3.30	Y		
Box Metal M2A1										
FY 2008	BWAY CORPORATION ATLANTA, GA	C/OPTION	ROCK ISLAND, IL	Mar 08	Sep 08	1	10.83	Y		

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Note Fig.	Fiscal Year 09	
	Calendar Year 09	
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F Name - Location MIN 1-8-5 MAX D+ I Initial 6 4 9 13 1 ALLIANT TECH (LCAAP), INDEPENDENCE, MO 0.60 20.77 IV Reorder 6 4 9 13	E A E A P A U U E	
F Name - Location MIN 1-8-5 MAX D+ I Initial 6 4 9 13 1 ALLIANT TECH (LCAAP), INDEPENDENCE, MO 0.60 20.77 IV Reorder 6 4 9 13		
R Name - Location MIN 1-8-5 MAX D+ 1 Initial 6 4 9 13 1 ALLIANT TECH (LCAAP), INDEPENDENCE, MO 0.60 20.77 Reorder 6 4 9 13		
1 ALLIANT TECH (LCAAP), INDEPENDENCE, MO 0.60 20.77 Reorder 6 4 9 13		
Rodul V T		
l I I I I I I I I I I I I I I I I I I I	9 13	
Reorder Reorder		
Initial Dr. 1		
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Initial Initial		
Reorder Reorder		

Item No. 4 Page 10 of 15 17

Exhibit P-21 Production Schedule

Exhibit P-40, Budget Item	Justificatio	on S	heet							D	ate:	Sep	tember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /							P-1 Item No		M903 (SLAPT M	962) (F88000))	•		
Program Elements for Code B Items:			Code:	A	Other Related	Progr	ram Element	s:						
	Prior Years	FY	2006	FY 200	7 FY 2008		FY 2009	FY 2010	FY 2011	FY 201	2	FY 2013	To Complete	Total Prog
Proc Qty					17	12								1712
Gross Cost					2	1.7								21.7
Less PY Adv Proc														
Plus CY Adv Proc														
Net Proc P1					2	1.7								21.7
Initial Spares														
Total Proc Cost					2	1.7								21.7
Flyaway U/C														
Weapon System Proc U/C														

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.

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.

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

Exhibit P-5, Weapon AMMO Cost Analysi	Approp Procu	oriation/Budget A arement of Ammi	activity/Seri unition, Arr	al No: ny / 1 / Ammunit			menclature: AP M903 (SLAF	PT M962) (F88000))	Weapon System	n Type:	Date:	September 200
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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	Α							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			

Exhibit P-5a, Budget Procureme	nt History and Planning							ate: eptembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature:) 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	RF Issu Dat
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		

		I	FY 08 /	09 BU	DGET	r PR(ODU	CTIO	N SCI	HEDU	LE			P-1 ITE CTG CA				PT M96	2) (F880	000)			Dat	e:	Septem	ber 2007	7			
	C	OST	ELEN	IENTS	}						Fiscal Y	ear 08	3										Fiscal Y	ear 09						
١ ١		S	PROC	ACCEP	BAL									Calenda	ır Year ()8								Caler	dar Yea	ar 09				
M		Е	QTY	PRIOR	DUE					1			1								1				1					
F R	FY	R V	x1000	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	U L	A U G	S E P	Later
CO	MPLET	E ROU	ND													•														
	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	125	31
					1712																									
Tota	al		1712		1712														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								PRODU	ICTION 1	RATES						Α	DMIN I			4	MFR		TOTA	AL	REMA	RKS				
F												ned M	FR			Prie	or 1 Oct	After	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R			Nan	ne - Locati	on]	MIN	1-8-5	MAX	D+	-	1 In	itial			3		5		12		17							
1	Olin, I	East Alt	on, IL					50	80	200			R	eorder			3		3		11		14							
													Ir	itial																
													R	eorder																
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													Ir	itial																
													R	eorder																
													Ir	itial																
													R	eorder																

		F	FY 10 /	'11 BU	DGE	ΓPRO	ODU	CTIO	N SCI	HEDU	LE			P-1 ITE	M NOMI AL .50 SI			PT M96	52) (F880	000)			Dat	te:	Septem	nber 200	7			
	C	OST	ELEN	IENTS							Fiscal Y	ear 10)	•									Fiscal Y	Year 11						
, ,		S	PROC	ACCEP	BAL									Calenda	ır Year 1	.0								Cale	ndar Ye	ar 11				
M		Е	QTY	PRIOR	DUE				_				1		T _						_	_								
F R	FY	R V	x1000	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	U L	A U G	S E P	Later
CO	MPLET	E ROU	ND																											
1	FY 08 GWOT	A	556	550	6	6																								0
1	FY 08	A	1156	1125	31	31																								0
														-																
			1710	1.000	27	27							-	-																
Tot	al		1712	1675	37		N.	D.		Б							0		N	D.	т.	Г							C	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	U	J U L	A U G	S E P	O C T	N O V	D E C	J A N	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								PRODU	JCTION :	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA	RKS				
F											Reac	hed M	IFR			Pri	or 1 Oct	Afte	r 1 Oct	Af	ter 1 Oct		After 1	Oct						
R			Nan	ne - Locati	on			MIN	1-8-5	MAX	D-	-	1 In	nitial			3		5		12		17							
1	Olin, l	East Alt	on, IL					50	80	200			R	eorder			3		3		11		14							
													Iı	nitial																
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Exhibit P-40, Budget Item	Justificatio	n S	heet							Date		atambar 2007	
							I				Sel	otember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /							P-1 Item No	omenclature TG, 25MM, ALL T	YPES (E08200)				
Program Elements for Code B Items:			Code:		Other Rela	ted Pro	gram Element	s:					
	Prior Years	FY	Y 2006	FY 2007	7 FY 2	8008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty													<u> </u>
Gross Cost						44.2							44.2
Less PY Adv Proc													<u> </u>
Plus CY Adv Proc													
Net Proc P1						44.2							44.2
Initial Spares													<u> </u>
Total Proc Cost						44.2							44.2
Flyaway U/C													<u> </u>
Weapon System Proc U/C													<u> </u>
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	Approp Procu	riation/Budget Ac rement of Ammu	ctivity/Seri nition, Arr	al No: ny / 1 / Ammuniti			omenclature: LL TYPES (E0820	00)		Weapon System	n Type:	Date:	September 2007
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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			1
CTG 25MM HEI-T M792								15000	284	52.82			1
													I
Total:								44243					I

Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:		ptember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /					P-1 Item No	omenclature TG 25MM HEI-T N	M792 (E08201)				
Program Elements for Code B Items:		Code:	Α (Other Related Prog	gram Element	ts:					
	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty		<u> </u>		284							284
Gross Cost		<u> </u>		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											

Justification:

charge. This item is Code A, approved for service use.

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.

Exhibit P-5, Weapon AMMO Cost Analysis		oriation/Budget A prement of Ammu		al No: ny / 1 / Ammunit			omenclature: I-T M792 (E08201	1)		Weapon System	n Type:	Date:	September 200
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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			

Exhibit P-5a, Budget Procureme	nt History and Planning							Oate: Septembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: 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	RF Issu Dat
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		

		F	Y 08 /	09 BU	DGET	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN CTG 251				01)					Dat	te:	Septem	nber 200	7			
	C	OST	ELEM	IENTS	}						Fiscal `	Year 08	3										Fiscal Y	Year 09						
		S	PROC	ACCEP	BAL				I					Calenda	37 0	10								C-1	ndar Ye	00				-
M		E	QTY	PRIOR	DUE									Calenda	r rear u	18								Calei	idar re	ar 09				
F R	FY	R V	x1000	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
LO	AD, AS	SEMBL	E, PACK	(LAP)				•					•	•	•										•					
1	FY 08	A	284	0	284					A														100				100		84
Tot	al		284		284	_		_		_					_		_				_			100		_		100		84
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
	1						ı				ı		1			ı						•			T					
M]	PRODU	ICTION :	RATES						-	DMIN I	1			MFR		TOTA		REMA	RKS				
F												hed M				Prio	or 1 Oct		r 1 Oct	Aft	er 1 Oct		After 1							
R	_	T. 1.0		e - Locati				MIN	1-8-5	MAX	D	+	_	tial		-	3	-	5		14		19							
1	Amani	1 ecn S	ystem, A	noka, MN				200	340	400				order		+	3	+	5		14		19		1					
														tial order											1					
														tial											1					
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												-		tial				+				+			1					
													_	order											1					
													In	tial				1							1					
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		F	Y 10 /	11 BU	DGE'	T PRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN CTG 251				01)					Dat	e:	Septem	nber 200	7			
	C	OST	ELEM	IENTS							Fiscal '	Year 10)										Fiscal Y	ear 11						
	I	S	PROC	ACCEP	BAL									Calenda	w Voor 1	0								Color	ndar Ye	on 11				
M		E	QTY	PRIOR	DUE							•		Calenda	rieari		1	1	_	1				Calei	iuar rea	ar 11				
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LO	AD, AS	SEMBL	E, PACK	(LAP)		•								•														•	•	•
1	FY 08	A	284	200	84		84																							0
T			284	200	84		84																							
To	tal		284	200	84	0	84 N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	
						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
M]	PRODU	ICTION	RATES						-	DMIN I	1			MFR		TOTA		REMA	RKS				
F												hed M	_			Pric	or 1 Oct		r 1 Oct	Aft	er 1 Oct		After 1		_					
R	+	T. 1.0		e - Locati				MIN	1-8-5	MAX	D	+	1 Ini				3	-	5		14		19							
1	Aman	1ecn S	ystem, A	noka, MN				200	340	400			_	order			3		5		14		19							
														tial order											1					
	+							+						tial											1					
														order		+						+			1					
												-		tial								-			1					
														order											1					
													Ini	tial																
													Re	order											1					

Exhibit P-40, Budget Item	Justificatio	n Sl	heet							I	Date:	Ser	tember 2007	
Appropriation / Budget Activity / Seri- Procurement of Ammunition, Army /						F	P-1 Item No	menclature G, 30MM, ALL T	YPES (ER8120)			561	2007	
Program Elements for Code B Items:			Code:		Other Related F	rogra	am Element	s:						
	Prior Years	FY	2006	FY 200	7 FY 2008]	FY 2009	FY 2010	FY 2011	FY 20	12	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												•		
Description:	TVDEC													

This budget line includes 30MM ALL TYPES.

FY 2008 Base Appropriation - \$21.8 million FY 2008 Global War on Terrorism (GWOT) - \$40.0 million

FY 2008 Total - \$61.8 million

Exhibit P-5, Weapon AMMO Cost Analysis	Approp	oriation/Budget Ac	rtivity/Seri	al No:	Ţ.	P-1 Lin	ie Item No	menclature:			Weapon System	n Type:	Date:	
Exhibit 1-5, Weapon Amin'o Cost Analysis	Procu	rement of Ammu	nition, Arn	ny / 1 / Ammuniti				L TYPES (ER812	20)					September 2007
AMMO	ID		FY 06				FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total C	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	Justificatio	n Sheet						Date		ptember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /	al No:				P-1 Item No	omenclature FG 30MM HEDP N	И789 (E09900)				
Program Elements for Code B Items:		Code:	A	Other Related Pro	gram Elemen	ts:					
	Prior Years	FY 2006	FY 200	7 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											

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.

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.

Exhibit P-5, Weapon AMMO Cost Analys	Approp Procu	oriation/Budget A prement of Ammi	activity/Seri unition, Arr	al No: ny / 1 / Ammunit			menclature: OP M789 (E0990)	0)		Weapon System	m Type:	Date:	September 2007
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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			

Exhibit P-5a, Budget Procureme	iii mistory and Planning						S	eptembe	r 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: 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	RI Iss Da
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		

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Property		C	OST 1	ELEM	IENTS							Fiscal Y	ear 08	1										Fiscal Y	Year 09)					
Note 1 1 1 1 1 1 1 1 1	M														Calenda	r Year 0	8								Cale	ndar Yea	ar 09				
T FY 08		FY		x1000			C	О	E	A	E	A	P	A	U	U	U		C	О	E	A	E	A	P	A	U		U	E	Later
LOAD, ASSEMBLE PACK (LAP) 1 FY 08 A 5500 000 5500 0 00 5500 0 0 0 0 0 0 0	LO	AD, ASS	SEMBL	E, PACK	(LAP)				1	1	1			1				l						1	l		ı				ı
1 FY 08 A 255.00	1	FY 08	A	60.00	0.00	60.00									A											30.00	30.00				0.00
OWOT	LO	AD, ASS	SEMBL	E, PACK	(LAP)										ı			ı													I
M			A	535.00	0.00	535.00									A											30.00	30.00	60.00	60.00	60.00	295.00
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M							C	О	E	A	E	A	P	A	U	U	U	E	C	О	E	A	E	A	P	A	U	U	U	E	
F Name - Location							T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	G	P	
F Name - Location													-								T										
R Name - Location MIN 1-8-5 MAX D+ 1 Initial 6 6 12 18 1 TO BE SELECTED 8.00 24.00 72.00 Feorder 6 6 12 18 2 Imitial Imitial Imitial Imitial Imitial Imitial Imitial 3 Imitial Imitial Imitial Imitial Imitial Imitial Imitial Imitial	M								PRODU	JCTION :	RATES						A	DMIN L	EAD T	IME		MFR		TOTA	AL	REMA	RKS				
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	R			Nam	ne - Locati	on		1	MIN	1-8-5	MAX	D+		1 In	itial			6		6		12		18							
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Initial Initia		†																								1					
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Reorder Reorder								+				+											-			1					

		F	Y 10 /	11 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE				M NOME MM HED			0)					Da	te:	Septem	nber 200	7			
	C	OST I	ELEM	IENTS							Fiscal Y	ear 10)	•									Fiscal Y	Year 11						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year 1	0	· ·							Cale	ndar Ye	ar 11				
F R	FY	R V	x1000	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
LO	AD, AS	SEMBL	E, PACK	(LAP)		1					ı												ı	1					-	
1	FY 08	A	60.00	60.00																										0.00
LO	AD, AS	SEMBL	E, PACK	(LAP)										· ·	1				ı	ı			ı							
	FY 08 GWOT	A	535.00	240.00	295.00	60.00	60.00	60.00	60.00	55.00																				0.00
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Tot	al		595.00	300.00	295.00	60.00	60.00	60.00	60.00	55.00																		\vdash		
100						0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	
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M								PRODU	ICTION I	RATES						Α	DMIN I	EAD T	IME		MFR		TOT	AL	REMA	RKS				
F											Reach	ned M	FR			Pric	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R			Nan	e - Locati	on				1-8-5	MAX	D+		1 I	nitial			6		6		12		18							
1	TO BE	SELEC	CTED					8.00	24.00	72.00			F	teorder			6		6		12		18							
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Exhibit P-40, Budget Item	Justificatio	n Sheet						Date		ptember 2007	
Appropriation / Budget Activity / Seri Procurement of Ammunition, Army /					P-1 Item No	omenclature FG, 40MM, ALL T	YPES (ER8001)				
Program Elements for Code B Items:		Code:		Other Related Pro	ogram Elemen	ts:					
	Prior Years	FY 2006	FY 2007	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty		<u> </u>									<u> </u>
Gross Cost		<u> </u>		283.5							283.5
Less PY Adv Proc		<u> </u>									<u> </u>
Plus CY Adv Proc		<u> </u>									<u> </u>
Net Proc P1		<u> </u>		283.5							283.5
Initial Spares		<u> </u>									<u> </u>
Total Proc Cost		1		283.5							283.5
Flyaway U/C		<u> </u>									<u> </u>
Weapon System Proc U/C		1									
B 1.4			•								

Description: This budget line includes 40MM ALL TYPES.

FY 2008 Base Appropriation - \$208.5 million FY 2008 Global War on Terrorism (GWOT) - \$75.0 million

FY 2008 Total - \$283.5 million

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	oriation/Budget A rement of Ammu	ctivity/Seri inition, Arn	al No: ny / 1 / Ammunit			menclature: LL TYPES (ER80	01)		Weapon Syster	n Type:	Date:	September 200
AMMO	ID		FY 06			FY 07			FY 08	•		FY 09	
Cost Elements	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	Justificatio	on S	heet						Dat		ptember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /	l No: 1 / Ammunition					P-1 Item No	omenclature FG 40MM HEDP N	M430 F/MK19 MC	G (E11800)			
Program Elements for Code B Items:			Code:	A	Other Related P	ogram Elemen	ts:					
	Prior Years	FY	7 2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty					154	3						1543
Gross Cost					54.)						54.9
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc P1					54.)						54.9
Initial Spares												
Total Proc Cost					54.)						54.9
Flyaway U/C												
Weapon System Proc U/C												

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.

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.

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	riation/Budget A rement of Ammu	ctivity/Seri mition, Arm	al No: ny / 1 / Ammunit			menclature: OP M430 F/MK19	9 MG (E11800)		Weapon System	n Type:	Date:	September 2007
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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 Procureme	ent History and Planning							ate: eptembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: HEDP M430 F/MK19 MG (E	11800)						
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										1
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.

		F	FY 08 /	09 BU	DGET	PRO	ODUC	CTIO	N SCI	HEDU	LE				M NOME MM HEI			9 MG (1	E11800)				Dat	te:	Septem	nber 200	7			
	C	OST	ELEN	IENTS	}						Fiscal Y	Year 08	3	•									Fiscal Y	Year 09	1					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ar Year 0	08	I							Cale	ndar Ye	ar 09				
F R	FY	R V	x1Mil		AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
CO	MPLET	E ROU	ND	ı		1	l		1	<u> </u>			1		اــــــــــــــــــــــــــــــــــــــ				!					l		l				
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
CO	MPLET	E ROU	ND		''	L. L.								•						· ·	U	J								
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
	GWOI														+-												 			
Tot	al	1	2.21		2.21																							1.17	1.04	
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						T	v	C	N	B	R	R	Y	N	L	G	P	T	v	Č	N	В	R	R	Y	N	L	G	P	
	T										T									Ι					I					
M							_	PRODU	ICTION :	RATES	۱,	.,	TED.				DMIN I			4	MFR		TOTA		REMA	RKS				
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), Tampa,	EI			269.00	320.00	500.00		-	_	eorder			6	+	6		17		23							
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														eorder itial			6		0		17		23							
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Exhibit P-40, Budget Item	Justificatio	n She	eet						Date:	Sep	otember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /	al No:					P-1 Item No	omenclature FG 40MM WHITE	STAR CLUSTER	R M585 (E12100)			
Program Elements for Code B Items:		C	Code:	A	Other Related Pro	gram Element	S:					
	Prior Years	FY 2	2006	FY 200	7 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												

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.

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.

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	riation/Budget A rement of Ammu	ctivity/Seri inition, Arn	al No: ny / 1 / Ammunit			omenclature: ITE STAR CLUS	TER M585 (E121	00)	Weapon Syster	n Type:	Date:	September 200
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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			

Exhibit P-5a, Budget Procurement	History and Planning							Oate: Septembe	r 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: WHITE STAR CLUSTER M58	5 (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		

		F	FY 08 /	09 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN CTG 40N				STER M	1585 (E1	12100)			Dat	te:	Septem	ber 200	7			
	C	OST	ELEM	IENTS	}						Fiscal Y	ear 08	1	•									Fiscal Y	Year 09	ı					
M		S E	PROC	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	8								Cale	ndar Ye	ar 09				-
F R	FY	R V	QTY x1000		AS OF	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A	S E	Later
				1001	1 001	T	V	C	N	В	R	R	Y	N	L	G	P	T	V	C	N	В	R	R	Y	N	L	U G	P	Later
	MPLET	1					1		1		. 1		ı	1	1 1		1 1				1.5	1.5	1.5	1.5			1	1	1	
	FY 08 GWOT	A	68	0	68						А										15	15	15	15	8					0
-																														
Tot	al		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								PRODU	ICTION 1	RATES							DMIN I				MFR		TOTA		REMA	RKS				
F												ied M				Pri	or 1 Oct	+	r 1 Oct	Aft	er 1 Oct		After 1		1					
R	то ві	CELE		ne - Locati	on		- '	MIN	1-8-5	MAX 20	D+		-	itial			6	+	6		13		19							
1	10 81	SELEC	CIED						15	20			_	eorder		-	6		6		10		16		-					
													_	itial eorder											1					
														itial																
													_	eorder											1					
-	1													itial		+									1					
													_	eorder											1					
													In	itial											1					
													R	eorder											1					

Exhibit P-40, Budget Item	Justificatio	n S	heet						Date		otember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /						P-1 Item No	omenclature FG, 40MM, MK28	1 PRACTICE, LIN	KED FOR MK19	GMG (E71103)		
Program Elements for Code B Items:			Code:	A	Other Related Pr	ogram Element	ts:					
	Prior Years	FY	Y 2006	FY 200	7 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												

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.

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.

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	riation/Budget Aurement of Ammu	ctivity/Seri mition, Arm	al No: ny / 1 / Ammuniti		40MM, MI	omenclature: K281 PRACTICE	, LINKED FOR M	IK19 GMG	Weapon System	n Type:	Date:	September 2007
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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			

History and Planning								r 2007	
Weapon System Type:			FOR MK19 G	MG (E71103)					
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
NICO PYROTECHNIK TRITTAU, GERMANY	SS/OPT	QUANTICO, VA	Jun 08	Dec 08	738	26.00	Y		
	Weapon System Type: Contractor and Location NICO PYROTECHNIK	Weapon System Type: P-1 Line Item CTG, 40MM, Contractor and Location Contract Method and Type NICO PYROTECHNIK SS/OPT	Weapon System Type: P-1 Line Item Nomenclature: CTG, 40MM, MK281 PRACTICE, LINKED Contract of Method and Type NICO PYROTECHNIK SS/OPT QUANTICO, VA	Weapon System Type: P-1 Line Item Nomenclature: CTG, 40MM, MK281 PRACTICE, LINKED FOR MK19 G Contract Method and Type NICO PYROTECHNIK SS/OPT QUANTICO, VA Jun 08	Weapon System Type: P-1 Line Item Nomenclature: CTG, 40MM, MK281 PRACTICE, LINKED FOR MK19 GMG (E71103)	Weapon System Type: P-1 Line Item Nomenclature: CTG, 40MM, MK281 PRACTICE, LINKED FOR MK19 GMG (E71103)	Weapon System Type: P-1 Line Item Nomenclature: CTG, 40MM, MK281 PRACTICE, LINKED FOR MK19 GMG (E71103)	Weapon System Type: P-1 Line Item Nomenclature: CTG, 40MM, MK281 PRACTICE, LINKED FOR MK19 GMG (E71103) Contractor and Location Contract Method and Type NICO PYROTECHNIK P-1 Line Item Nomenclature: CTG, 40MM, MK281 PRACTICE, LINKED FOR MK19 GMG (E71103) Location of PCO Award Date Date of First Delivery x1000 \$ Specs Avail Now? NICO PYROTECHNIK SS/OPT QUANTICO, VA Jun 08 Dec 08 738 26.00 Y	Weapon System Type: P-1 Line Item Nomenclature: CTG, 40MM, MK281 PRACTICE, LINKED FOR MK19 GMG (E71103) Contractor and Location Contract Method and Type NICO PYROTECHNIK SS/OPT QUANTICO, VA September 2007 Award Date of First Delivery x1000 September 2007 Award Date of First Delivery x1000 September 2007 Award Date of First Delivery x1000 Specs Avail Now? Avail Now? Avail

		F	Y 08 /	09 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN CTG, 40				E, LINK	ED FOR	R MK19	GMG (I	E71103)	Dat	te:	Septen	nber 2007	7			
	C	OST	ELEN	IENTS							Fiscal Y	Zear 08	3	•									Fiscal Y	Year 09						
,,		S	PROC	ACCEP	BAL									Calenda	r Year 0	8								Caler	ıdar Ye	ar 09				
M F	FY	E R	QTY Each	PRIOR TO	DUE AS OF	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	ī	A	S	
R	I'I	V	Each	1 OCT	1 OCT	C T	O V	E C	A N	E B	A R	P R	A Y		U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	Later
CO	MPLET	E ROUI	ND																											
	FY 08 GWOT	A	738	0	738									A						135		135		135		135		135	63	0
								<u> </u>																						
								 																						
-								+																						
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•								+																						
								1																						
Tota	al		738		738			<u> </u>												135		135		135		135		135	63	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	U	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
						ı			1	l.	L.			•	l .		l l	Ц		L L		ı	ı	u.	1					
M								PRODU	JCTION 1	RATES						Α	DMIN I	EAD T	IME]	MFR		TOTA	AL	REMA	RKS				'
F												hed N	_			Pri	or 1 Oct		r 1 Oct	Aft	er 1 Oct	t	After 1							
R				e - Locati				MIN	1-8-5	MAX	D-	-	-	nitial			3		9		6		15							
1	NICO	PYROI	TECHNIE	K, TRITTA	AU, GER	MANY		75	135	200		_		leorder			3		9		6		15		_					
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Exhibit P-40, Budget Item	Justificatio	n Sh	neet							Date:	Sep	otember 2007	
	P-1 Item Nomenclature CTG 40MM INFRARED ILLUM, M992 (E84500) gram Elements for Code B Items: P-1 Item Nomenclature CTG 40MM INFRARED ILLUM, M992 (E84500) Gram Elements for Code B Items: P-1 Item Nomenclature CTG 40MM INFRARED ILLUM, M992 (E84500) FY 2010 FY 2011 FY 2012 FY 2013 To Complete Total Code: Gram Elements for Code B Items: P-1 Item Nomenclature CTG 40MM INFRARED ILLUM, M992 (E84500) FY 2010 FY 2011 FY 2012 FY 2013 To Complete Total Code: Gram Elements for Code B Items: Gram Elements for Code B Items: A Other Related Program Elements: Gram Elements: FY 2006 FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 FY 2012 FY 2013 To Complete Total Code: Gram Elements for Code B Items: Gram Elements for Code B												
Program Elements for Code B Items:	Code												
	Prior Years	FY	2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 20)12	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													

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.

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.

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	riation/Budget Adrement of Ammu	ctivity/Seri nition, Arr	al No: ny / 1 / Ammuniti				menclature: RARED ILLUM,	M992 (E84500)		Weapon System	n Type:	Date:	September 2007
AMMO	ID		FY 06			I	FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total C	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			

History and Planning								er 2007	
Weapon System Type:			34500)						
Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?		RFP Issue Date
ATK THIOKOL CORRINE, UT	SS/OPT	PICATINNY ARSENAL, NJ	Jun 08	Dec 08	22	153.00	Y		
	Contractor and Location ATK THIOKOL	Weapon System Type: Contractor and Location Contract Method and Type ATK THIOKOL P-1 Line Item CTG 40MM I Contract Method and Type	Weapon System Type: P-1 Line Item Nomenclature: CTG 40MM INFRARED ILLUM, M992 (E8 Contractor and Location Contract Method and Type ATK THIOKOL SS/OPT PICATINNY	Weapon System Type: P-1 Line Item Nomenclature: CTG 40MM INFRARED ILLUM, M992 (E84500) Contractor and Location Contract Method and Type Location of PCO Award Date ATK THIOKOL SS/OPT PICATINNY Jun 08	Weapon System Type: P-1 Line Item Nomenclature: CTG 40MM INFRARED ILLUM, M992 (E84500)	Weapon System Type: P-1 Line Item Nomenclature: CTG 40MM INFRARED ILLUM, M992 (E84500) Contractor and Location Contract Method and Type Location of PCO Award Date Date of First Nomenclature: OTY Note of PCO Award Date Date of First Nomenclature: OTY Note of PCO Award Date Date of First Nomenclature: OTY Note of PCO Award Date Date of First Nomenclature: OTY Note of PCO Award Date Date of First Nomenclature: OTY Note of PCO OTY Nomenclature: OTY Nomenclat	Weapon System Type: P-1 Line Item Nomenclature: CTG 40MM INFRARED ILLUM, M992 (E84500) Contract or and Location Contract Method and Type Location of PCO Award Date Date of First Delivery x1000 \$ ATK THIOKOL SS/OPT PICATINNY Jun 08 Dec 08 22 153.00	Weapon System Type: P-1 Line Item Nomenclature: CTG 40MM INFRARED ILLUM, M992 (E84500)	Weapon System Type: P-1 Line Item Nomenclature: CTG 40MM INFRARED ILLUM, M992 (E84500) Contract or and Location Contract Method and Type Location of PCO

		F	FY 08 /	09 BU	DGE	ΓPRO	ODU	CTIO	N SCI	HEDU	LE			P-1 ITEN CTG 40N				, M992	(E84500))			Dat	te:	Septem	nber 200	7			
	C	OST	ELEN	IENTS							Fiscal `	Year 08	3	•									Fiscal Y	Year 09						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	08								Cale	ndar Ye	ar 09				-
F R	FY	R V	x1000	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
CO	MPLET	E ROU	ND		1		1									_	-		·	-										1
	FY 08 GWOT	A	22	0	22									A						11			11							0
	GWOI																													
														_																
														+																
Tot	a1		22		22															11			11							
100						0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	
						C T	O V	E C	A N	E B	A R	P R	A Y		U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
M								PRODU	JCTION 1	RATES						Α	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA	RKS				•
F												hed M				Pri	or 1 Oct		r 1 Oct	Aft	er 1 Oct		After 1							
R	+			ne - Locati]	MIN	1-8-5	MAX	D-	+	—	nitial			3		9		6		15							
1	ATK '	THIOK	OL, COR	RINE, UT				5	10	20		-		eorder			3		9		6		15		-					
													-	nitial																
														teorder											-					
	+												-	nitial				1		-					-					
	+													eorder nitial				1		-		-			-					
												_	-	leorder											1					
												+	_	nitial											1					
													-	aordor				1							1					

Exhibit P-40, Budget Item	Justificatio	n S	heet								Date:		ptember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /							P-1 Item No	omenclature MMO 40MM CAN	NISTER M1001 (F00900)				
Program Elements for Code B Items:			Code:	A	Otl	her Related Pro	gram Element	is:						
	Prior Years	FY	Y 2006	FY 200)7	FY 2008	FY 2009	FY 2010	FY 2011	FY 2	012	FY 2013	To Complete	Total Prog
Proc Qty						112								112
Gross Cost						9.5	·							9.5
Less PY Adv Proc							·							1
Plus CY Adv Proc							·							1
Net Proc P1						9.5								9.5
Initial Spares							1							
Total Proc Cost						9.5	·							9.5
Flyaway U/C							·							
Weapon System Proc U/C							·							1
Description:	16 1 16	77101	1126			G (G)(G)	T. 1 1 1		. 1			1.11		00

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.

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.

Exhibit P-5, Weapon AMMO Cost Analysi	Approp Procu	riation/Budget A rement of Amm	activity/Seri unition, Arm	al No: ny / 1 / Ammunit			menclature: CANNISTER M10	001 (F00900)		Weapon System	m Type:	Date:	September 2007
AMMO	ID		FY 06			FY 07			FY 08	•		FY 09	
Cost Elements	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 Procureme	ent History and Planning							Oate: eptembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: M CANNISTER M1001 (F00)	900)						
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	RFI Issu 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		

		F	FY 08 /	09 BU	DGET	r PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN AMMO	M NOME 40MM C			001 (F0	0900)				Dat	te:	Septem	ber 200	7			
	C	OST	ELEN	IENTS							Fiscal Y	ear 08											Fiscal Y	Year 09						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	8	[Cale	ndar Ye	ar 09				
F R	FY	R V	x1000		AS OF 1 OCT	O C	N O	D E	J A	F E	M A	A P	M A	J	J U	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	Later
CC	MPLET	E DOLI	ND			T	V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	
	FY 08		6	0	6									A									6							0
	MPLET	1	l	· ·	Ü		1																Ü							Ů
1	FY 08	A	106	0	106									A									20		20		20		20	26
	GWOT														-															
To	tal		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	
						1				1				•	1								1	ı						I
M								PRODU	JCTION 1	RATES							DMIN I				MFR		TOTA		REMA	RKS				
F												ed M				Pric	or 1 Oct	After	r 1 Oct	Aft	ter 1 Oct		After 1							
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	C	OST	ELEN	IENTS	,						Fiscal Y	ear 10)										Fiscal Y	Year 11						
		S	PROC	ACCEP	BAL									Colondo	ır Year 1	Δ.					I			Color	ndar Ye	on 11				
M		E	QTY	PRIOR	DUE									Calenda	ır Year 1	U								Cale	ndar re	ar 11			•	
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CC)MPLET	E ROUI	ND							•																				
1	FY 08	A	6	6																										0
CC)MPLET	E ROUI	ND																											
1	FY 08 GWOT	A	106	80	26			26																						0
To	tal		112	86	26			26																						
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M								PRODU	ICTION :	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA	A L	REMA	.RKS				
F												ned M	FR			Pric	or 1 Oct	Afte	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
R			Nan	ne - Locati	on		1	MIN	1-8-5	MAX	D+		1 In	tial			3		6		9		15							
1	Genera	al Dynaı	mics OTS	S, MARIO	N, IL			7	20	30			Re	order			3		9		9		18							
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Item No. 8 Page 23 of 23 59

Exhibit P-21 Production Schedule

Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:		. 1 2007	
					T				Sej	ptember 2007	
Appropriation / Budget Activity / Seri Procurement of Ammunition, Army /					P-1 Item No	omenclature FG, ARTY, 105MN	M: ALL TYPES (E	21101)			
Program Elements for Code B Items:		Code:		Other Related Pro	gram Elemen	ts:					
	Prior Years	FY 2006	FY 2007	7 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											

Justification:
FY 2008 Base Appropriation - \$42.0 million
FY 2008 Global War on Terrorism (GWOT) - \$10.0 million

FY 2008 Total - \$52.0 million

Item No. 15 Page 1 of 7 60

Exhibit P-40 Budget Item Justification Sheet

Exhibit P-5, Weapon AMMO Cost Analysis		riation/Budget Ad rement of Ammu		al No: ny / 1 / Ammuniti		1 Line Item No ΓG, ARTY, 10	omenclature: 5MM: ALL TYPI	ES (E21101)		Weapon System	m Type:	Date:	September 2007
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cos	st Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG ARTY 105MM HE M1 W/O FUZE								26847					1
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	Justificatio	n Sheet						Date:		otember 2007	
Appropriation / Budget Activity / Seri Procurement of Ammunition, Army					P-1 Item No	omenclature TG ARTY 105MM	M927 (E93300)		501	Sember 2007	
Program Elements for Code B Items:		Code:	A	Other Related Prog	gram Element	s:					
	Prior Years	FY 2006	FY 200	7 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											
The CTG 105MM High Explosive Rodesigned to deliver a TNT loaded, high fragmentation and cratering. The M9 for service use. Justification: FY 2008 Global War on Terrorism (Genhancing military capabilities.	h explosive warl 27 can be fired f	nead at mediuned the medium the M101	m to interm A1, M102,	nediate ranges. It ca and M119A1 howi	n be fired root tzers. This is	ket-on or rock a new start for	et-off. The M r the Army.(La	927 warhead, vast procurred in	vhen detonate i FY 99). This	d, produces blas item is Code A	st, , approved

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	riation/Budget Ac rement of Ammu	ctivity/Seri nition, Arn	al No: ny / 1 / Ammunit			omenclature: MM M927 (E933)	00)		Weapon System	n Type:	Date:	September 2007
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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					
M Compliance								500					
RIFIC								750					
SubTotal COST - Nonrecurring								1750					
Total:								10000		2000			

Exhibit P-5											
	sa, Budget Procurement Histor	ry and Planning							Oate: Septembe	r 2007	
Appropriation/Budget Activity/Se Procurement of Amn	erial No: munition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: 05MM 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. Peters	burg, FL	SS/FP	Picatinny Arsenal, N.J.	Aug 08	Jul 09	5	1450) Y		
. *		burg, FL		Picatinny Arsenal, N.J.	Aug 08	Jul 09	5	1450			Avaii

		F	Y 08 /	09 BU	DGE	ΓPRO	ODU	CTIO	N SCI	HEDU	LE				M NOMI								Dat	te:						
														CTG A	RTY 105	MM M9	27 (E933	300)							Septem	nber 200	7			
	C	OST	ELEN	IENTS	}						Fiscal Y	Year 08	8										Fiscal Y	Year 09)					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calend	ar Year (08								Cale	ndar Ye	ar 09				-
F R		R V	Units	TO 1 OCT	AS OF	O C	N O	D E	J A	F E	M A	A P	N A	M J U	J U	A U	S E	O C	N O	D E C	J A	F E	M A	A P	M A	J U	J U	A U	S E	Later
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M								PRODU	ICTION	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA	RKS				
F											Reac	hed M	1FR			Pri	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct	:	After 1	Oct						
R			Nan	ne - Locati	on]	MIN	1-8-5	MAX	D-	+	1	Initial			6		11		12		23							
1	GDO	S, St. P	etersburg	, FL				1	2	5				Reorder			3		3		12		15							
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E21101 (E93300) CTG ARTY 105MM M927 Item No. 15 Page 6 of 7 65 Exhibit P-21 Production Schedule

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	C	OST	ELEM	IENTS	}						Fiscal '	Year 10)	•									Fiscal Y	Year 11						
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1	GDOT	S, St. P	etersburg	, FL				1	2	5			R	leorder			3		3		12		15							
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Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:		otember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /					P-1 Item No		arge System (MA	CS), All Types (E2	7501)		
Program Elements for Code B Items:		Code:		Other Related Pro	gram Elemen	ts:					
	Prior Years	FY 2006	FY 2007	7 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	Approp Procu	oriation/Budget Activement of Ammu	ctivity/Seri nition, Arn	al No: ny / 1 / Ammuniti				menclature: Charge System (l	MACS), All Type	s (E27501)	Weapon Syster	n Type:	Date:	September 2007
AMMO	ID		FY 06				FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total C	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	Justificatio	n Sheet						Date:		ptember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /	al No: / 1 / Ammunition				P-1 Item No		LERY CHARGE S	SYSTEM (MACS),	M232 (ER8021)		
Program Elements for Code B Items: Code: Other Related Program Elements:											
	Prior Years	FY 2006	FY 200	07 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											
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.

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.

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	priation/Budget A urement of Ammu	ctivity/Seri inition, Arr	al No: ny / 1 / Ammunitio		ULAR ART	menclature: TILLERY CHAR	GE SYSTEM (MA	ACS), M23	Weapon System	n Type:	Date:	September 200
AMMO	ID		FY 06		•	FY 07			FY 08			FY 09	
Cost Elements	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	Approp Procu	riation/Budget A rement of Ammu	ement of Ammunition, Army / 1 / Ammunition MOD				fomenclature: RTILLERY CHAI	RGE SYSTEM (MA	ACS), M232	Weapon System	m Type:	Date:	September 2007
AMMO	ID		FY 06			FY 0'	1		FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Co	st 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 Procureme	<u> </u>						Se	eptembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: ARTILLERY CHARGE SYS	TEM (MACS), M	1232 (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	RFI Issu Dat
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							Oate: Septembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: ARTILLERY CHARGE SYST	EM (MACS), M	I232 (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		

		F	Y 08 /	09 BU	DGE	Γ PR(ODU	CTIO	N SCI	HEDU	LE				M NOME AR ART			RGE SY	STEM (MACS),	M232 (ER8021)	Dat)	e:	Septem	nber 2007	7			
	C	OST	ELEN	IENTS	}						Fiscal Y	ear 08	1										Fiscal Y	ear 09						
			22.00						1																					_
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE								•	Calenda	r Year 0	8								Caler	ıdar Ye	ar 09				
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Load	d, Asser	nble an	d Pack																											
	FY 08 Base	A	254	0	254						A																			254
		nble an	d Pack	,			,																	1		,				
	FY 08 GWOT	A	160	0	160											A														160
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						T	V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	
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R				ne - Locati			1	MIN	1-8-5	MAX	D+		Init	ial			3		11		26		37		_					
1	Americ	can Ord	nance, M	iddletown	, IA			30	60	125			Red	order			3		6		26		32							
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Plane P	М														Calenda	r Year 1	0								Cale	ndar Ye	ar 11				
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Base	Loa	d, Asseı	nble an	d Pack																											
T FY 08			A	254	0	254	1			26	26	46	46	40	46	18															0
GWOT	Loa	d, Asseı	nble an	d Pack		•	•					•													•	•	•				•
M			A	160	0	160)												40	40	40	40									0
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Exhibit P-40, Budget Item	Justineation	a Sneet						Date:	Se	ptember 2007	
Appropriation / Budget Activity / Seri Procurement of Ammunition, Army	ial No: / 1 / Ammunition				P-1 Item No		ROCKETS, ALL	TYPES (EA4000)			
Program Elements for Code B Items:		Code:	О	ther Related Pro	gram Element	ts:					
	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											<u> </u>
Plus CY Adv Proc											<u> </u>
Net Proc P1				49.5							49.5
Initial Spares											<u> </u>
Total Proc Cost				49.5							49.5
Flyaway U/C											<u> </u>
Weapon System Proc U/C											<u> </u>
Description: This budget line includes Shoulder Fir Justification: FY 2008 Base Appropriation: FY 2008 Global War On Terrorism (G FY 2008 Total	\$29.5 N	Iillion Iillion									

										1			
Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	riation/Budget Ac rement of Ammu	ctivity/Seri nition, Arr	ial No: ny / 1 / Ammuniti			omenclature: RED ROCKETS, A	ALL TYPES (EA4	000)	Weapon System	n Type:	Date:	September 2007
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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	Justificatio	n Sheet						Date:		ptember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /						omenclature UNKER DEFEAT	MUNITION (E88	401)	•	•	
Program Elements for Code B Items:		Code:	В	Other Related Pro	gram Elemen	ts:					
	Prior Years	FY 2006	FY 200	07 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											
Description: The Bunker Defeat Munition (BDM) is lightly armored vehicles and breaches											

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.

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.

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	riation/Budget A rement of Ammu	ctivity/Seri mition, Arr	al No: ny / 1 / Ammunit			omenclature: AT MUNITION	(E88401)		Weapon System	m Type:	Date:	September 2007
AMMO	ID		FY 06			FY 07			FY 08	•		FY 09	
Cost Elements	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													
AMMUNITION HARDWARE													
Complete Round	В							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													
AMMUNITION HARDWARE													
Complete Round	В							20000	1927	10			
SubTotal AMMO Hardware								20000					
SUBTOTAL GWOT REQUEST								20000					
Total:								26462					

Exhibit P-5a, Budget Procureme	ent History and Planning							ate: eptembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: FEAT 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	RFI Issu Dat
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			

		F	Y 08 /	09 BU	DGET	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE				M NOME R DEFE			(E8840	1)				Dat	te:	Septem	nber 200	7			
	C	OST 1	ELEN	IENTS	5						Fiscal '	Year 08	3										Fiscal Y	Year 09	ı					
		S	PROC	ACCEP	BAL				1					Calanda	ar Year 0	10					I			Color	ndar Ye	ow 00				
M		E	QTY	PRIOR	DUE									Calenda	rrearo	0								Cale	ildar 1e	ar uy	•			
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Co	mplete R	ound																												
1	FY 08	A	468	0	468								I	Δ.														200	200	68
Co	mplete R	ound																												
1	FY 08 GWOT	A	1927	0	1927																									1927
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То	tal		2395		2395			-	-					-	<u> </u>						_							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								PRODU	JCTION :	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA	A L	REMA	RKS				
F												hed M	FR			Pri	or 1 Oct	Afte	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
R			Nan	e - Locati	on]	MIN	1-8-5	MAX	D-	+	1 In	tial			6		8		15		23							
1	Talley	Defens	se System	s, Mesa, A	ΑZ			40	80	150			Re	order			6		6		12		18							
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EA4000 (E88401) BUNKER DEFEAT MUNITION Item No. 24 Page 6 of 7 81 Exhibit P-21 Production Schedule

		F	Y 10 /	11 BU	DGE	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEM BUNKER				(E8840	1)				Dat	te:	Septem	nber 200	7			
	C	OST	ELEM	IENTS							Fiscal Y	ear 10											Fiscal Y	Year 11						
		S	PROC	ACCEP										Calendar	Year 1	0								Cale	ndar Ye	ar 11				-
M		E	QTY	PRIOR	DUE	0	N	D	т.	F							c	О	N	D	J	F				J	,		S	-
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	C T	N O V	D E C	J A N	E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	C T	N O V	D E C	A N	E B	M A R	A P R	M A Y	U N	U L	A U G	E P	Later
_	mplete R																													
1	FY 08	A	468	400	68	68																								0
Co	mplete R	lound																												
1	FY 08 GWOT	A	1927	0	1927	132	200	200	200	200	200	200	200	200	195															0
То	tal		2395	400	1995	200	200	200	200	200	200	200	200	200	195															
10	tai		2393	400	1993	0	200 N	D	J	F	M	A	M	J	193 J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	
						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
M	1							PRODU	CTION I	RATES						Α	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA	RKS				•
F												ned M	FR			Prio	or 1 Oct	After	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
R	-			e - Locati				MIN	1-8-5	MAX	D-		1 Init	ial			6		8		15		23							
1	Talley	Defens	e System	s, Mesa, A	ΑZ			40	80	150			Red	order			6		6		12		18							
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EA4000 (E88401) BUNKER DEFEAT MUNITION Item No. 24 Page 7 of 7 82 Exhibit P-21 Production Schedule

Exhibit P-40, Budget Item	Justificatio	on Sheet						Date:		ptember 2007	
Appropriation / Budget Activity / Seri Procurement of Ammunition, Army /					P-1 Item No	omenclature OCKET, HYDRA	70, ALL TYPES (I	E37300)			
Program Elements for Code B Items:		Code:	A	Other Related Pro	ogram Elemen	ts:					
	Prior Years	FY 2006	FY 200	7 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											
1											1

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.

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.

FY08 Base Appropriation: \$137.9

FY08 Global War on Terrorism (GWOT):\$28.0

FY 2008 Total: \$165.9

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	riation/Budget Ac rement of Ammu	ctivity/Seri nition, Arn	al No: ny / 1 / Ammuniti			omenclature: RA 70, ALL TYPI	ES (E37300)		Weapon System	m Type:	Date:	September 2007
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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			1
ROCKET HYDRA 70 SIG PRAC M274								117455	173	0.679			1
ROCKET HYDRA 70, FLARE INFRARED (IR) M27								1161	1	1.161			1
													1
Total:								165861					1

Exhibit P-40, Budget Item	Justificatio	n Sh	ieet							Date:	Ser	ptember 2007	
Appropriation / Budget Activity / Seri Procurement of Ammunition, Army						P-1 Item No	omenclature OCKET HYDRA 7	0 HE/PD M151/M	I423 (E3733	35)			
Program Elements for Code B Items:		(Code:	A	Other Related Prog	gram Elemen	ts:						
	Prior Years	FY	2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 20	012	FY 2013	To Complete	Total Prog
Proc Qty					62								62
Gross Cost					46.9								46.9
Less PY Adv Proc													i
Plus CY Adv Proc											·		i
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
Description: The HYDRA-70 family of rockets is a number of roles including anti-mater Fuze. Upon detonation, the warhead for the state of the state	riel, anti-personr	nel, and	d air-to-	ground sup	pression. The M15	51 HEPD is a	unitary fragme	enting 10-lb an	ti-personi				

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.

Justification:

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	oriation/Budget A rement of Ammu	ctivity/Seri mition, Arr	al No: ny / 1 / Ammuniti			menclature: A 70 HE/PD M1:	51/M423 (E37335)	Weapon System	n Type:	Date:	September 200°
AMMO	ID		FY 06			FY 07			FY 08	1		FY 09	
Cost Elements	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.

Exhibit P-5a, Budget Procureme	nt Histor	y and Planning							Oate: eptembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:		Nomenclature: DRA 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	General D Burlingtor	-	SS/FP	AMCOM, Redstone Arsenal, AL	Feb 08	Aug 09	24	723	Y		
FY 2008 GWOT	General D Burlingtor		SS/Option	AMCOM, Redstone Arsenal, AL	Feb 08	Aug 09	38	723	Y		

		F	FY 05 /	06 BU	DGET	r PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN ROCKE				151/M42	23 (E373	335)			Dat	e:	Septem	ber 200	7			
	C	OST	ELEM	IENTS							Fiscal '	Year 05	i										Fiscal Y	ear 06						
М		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year (5								Cale	ıdar Ye	ar 06				
F R	FY	R V	x1000	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
(Complete	Round	<u> </u>			1			.,	Б	K	K	•	-11		G	•	-		C	.,	Б	IX.	K	1	11	L	G		
	FY 08		24.0	0.0	24.0																									24.0
1	FY 08 GWOT	A	38.2	0.0	38.2																									38.2
Tot	ol.		62.2		62.2																									62.2
10	aı		02.2		02.2	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	02.2
						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
	T							nn on v	VOTE ON L	D. A. MINIG						T.				1 .					la marti	DVG				
M F							-	PRODU	ICTION 1	KATES	Door .	hed M	ED				DMIN I or 1 Oct		r 1 Oct	4	MFR er 1 Oct		TOTA After 1		REMA	KKS				
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1	-	1 Drmo		lington, V				0.3	15.0	MAX 46.0	D	+	1 Ini				6		7		22		29		_					
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														order																
	-												Ini			-		-												
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	1												_	order		-		-												
													Ini	ial											1					

		F	FY 07 /	08 BU	DGET	r PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN ROCKE				51/ M 42	23 (E373	35)			Dat	te:	Septem	nber 200	7			
	C	OST	ELEM	IENTS	}						Fiscal '	Year 07											Fiscal Y	Year 08						
М		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year (7	l l							Cale	ndar Ye	ar 08				
F R	FY	R V	x1000		AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
(Complete	Round	 			1		C	11	ь	K	K		11	L	0	1			C	11	ь	K	K		14	L		<u> </u>	<u> </u>
	FY 08		24.0	0.0	24.0																	A								24.0
1	FY 08 GWOT	A	38.2	0.0	38.2																	A								38.2
																													<u> </u>	
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			1																											
Tot	al		62.2		62.2																									62.2
10	-					0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	
						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
M	T							DD ODY	JCTION 1	D.A. TEEG						Τ.	DMIN I	EADT	TO 4E		MED		TOTAL		REMA	DVG				
M F							-	PRODU	CHON	KATES	Door .	hed M	ED				or 1 Oct		r 1 Oct		MFR er 1 Oct		TOTA After 1				s apply	to Hydra	ı Rocket	s
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M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year (19	I							Caler	dar Ye	ar 10	-			•
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_	FY 08		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
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Exhibit P-40, Budget Item	Justificatio	n S	heet						Date		otember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /						P-1 Item No	omenclature EMOLITION MUN	NITIONS, ALL TY	PES (E55400)			
Program Elements for Code B Items:			Code:		Other Related Pr	ogram Elemen	ts:					
	Prior Years	FY	Y 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												
Description: This budget line includes Demolition M	Junitions, All T	Гуреs	i.									

Justification:
FY 2008 Base Appropriation: \$30.9 Million
FY 2008 Global War On Terrorism (GWOT): \$8.0 Million FY 2008 Total \$38.9 Million

Item No. 26 Page 1 of 17 91

Exhibit P-40 Budget Item Justification Sheet

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	oriation/Budget A prement of Amm	activity/Seri unition, Arn	al No: ny / 1 / Ammunit		Line Item No MOLITION N		L TYPES (E55400	0)	Weapon System	n Type:	Date:	September 200
AMMO	ID		FY 06		,	FY 07			FY 08	•		FY 09)
Cost Elements	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	Justificatio	n Sheet						Date:		otember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army					P-1 Item No	omenclature HARGE DEMOLI	TION ROLL M18	6 (E51400)			
Program Elements for Code B Items:		Code:	A	Other Related Pro	ogram Elemen	ts:					
	Prior Years	FY 2006	FY 200	07 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											

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.

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.

FY 2008 Base Appropriation: \$0.1 Million FY 2008 Global War On Terrorism (GWOT): \$2.0 Million FY 2008 Total \$2.1 Million

Item No. 26 Page 3 of 17 93

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	oriation/Budget A arement of Ammu	ctivity/Seri inition, Arr	al No: ny / 1 / Ammunitio			menclature: DLITION ROLL I	M186 (E51400)		Weapon Syster	n Type:	Date:	September 2007
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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			

Exhibit P-5a, Budget Procureme	nt History and Planning							ate: eptembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: MOLITION ROLL M186 (ES	51400)			•			
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	RFI Issu Dat
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			

		F	Y 08 /	09 BU	DGET	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN CHARG				M186 (1	E51400)				Dat	te:	Septem	nber 2007	7			
	C	OST	ELEN	IENTS							Fiscal Y	ear 08	1										Fiscal Y	Year 09						
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M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	18								Caler	ıdar Ye	ar 09				
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EX	PLOSIV	E 3in x	.25in (Pe	er foot)																										
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		E 3in x	.25in (Pe	er foot)		•																						•		
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		F	Y 10 /	11 BU	DGET	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN CHARG				M186 (1	E51400)				Dat	te:	Septem	nber 200	7			
	C	OST	ELEM	IENTS]	Fiscal Y	ear 10											Fiscal Y	Year 11						
М		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 1	0								Cale	ndar Ye	ar 11				
F R	FY	R V	Each	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
EX	PLOSIV	E 3in x	.25in (Pe	er foot)			•		1 1	В	K	K		11	L	0	1		•	C	11	В	K	K		14	L	G		l
	FY 08		2	2																										0
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Exhibit P-40, Budget Item	Justificatio	on Sl	heet							Da	ate:	Sep	tember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /						P-1 Item		nenclature G DEM SHEET F	ROLL 38 FT (E782	201)				
Program Elements for Code B Items:			Code:	A	Other Related	Program Elen	nents:	:						
	Prior Years	FY	7 2006	FY 200	7 FY 2008	FY 2009	9	FY 2010	FY 2011	FY 2012	2	FY 2013	To Complete	Total Prog
Proc Qty					1:	35								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								•						

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.

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.

FY 2008 Base Appropriation: \$.05 Million FY 2008 Global War On Terrorism (GWOT): \$2.0 Million FY 2008 Total \$2.5 Million

Item No. 26 Page 8 of 17

Exhibit P-40 Budget Item Justification Sheet

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	oriation/Budget A prement of Ammu	ctivity/Seri	al No: ny / 1 / Ammuniti			menclature: ET ROLL 38 FT ((E78201)		Weapon System	n Type:	Date:	September 200
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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			

Exhibit P-5a, Budget Procureme	ent History and Planning							ate: eptembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: HEET 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	RFI Issu 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			

		F	FY 08 /	09 BU	DGET	PRC)DU(CTIO	N SCI	HEDU	LE			P-1 ITEN CHG DE				(E7820	1)				Dat	te:	Septen	nber 2007	7			
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M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	18								Caler	ndar Yea	ar 09				
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She	eet explo	sive 10	x.083 in	per ft																				•						
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		F	Y 10 /	11 BU	DGET	PR(ODUC	CTIO	N SCI	IEDU	LE			P-1 ITEN				(E7820	1)				Dat	te:	Septem	nber 200	7			
	C	OST	ELEN	IENTS]	Fiscal Y	ear 10											Fiscal Y	Year 11						
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F R	FY	R V	Each	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
She	eet explo	sive 10	x.083 in				ı	1							1		1	1			1		1	1			1	ı		
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1	FY 08 GWOT	A	122	42	80	11	11	11	12	12	12	11																		0
To	tal		135	55	80	11	11	11	12	12	12	11																		
10			133	33	00	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	
						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
M								PRODU	CTION I	RATES						Α	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA	.RKS				•
F											Reach	ed MF	R			Pric	or 1 Oct	After	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
R				ne - Locati	on		1	MIN	1-8-5	MAX	D+	1	In	itial			6		8		12		20							
1	То Ве	Selecte	d					5	12	30			R	eorder			6		6		9		15							
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Exhibit P-40, Budget Item	Justificatio	n Sh	neet]	Date:	Sep	otember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /						P-1 Item No		id Wall Breach XM	1322 (E9930	1)			
Program Elements for Code B Items:		C	Code:	Demolition Kit, Rapid Wall Breach XM322 (E99301) A									
	Prior Years	FY	2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 20	12	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													

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.

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.

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	riation/Budget A rement of Ammu	ctivity/Seri inition, Arr	al No: ny / 1 / Ammunit			omenclature: Rapid Wall Breac	h XM322 (E99301)	Weapon System	m Type:	Date:	September 2007
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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 Procureme	ent History and Planning							ate: eptembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: it, Rapid Wall Breach XM322	2 (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	RFF 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.

		F	FY 08 /	09 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEM Demoliti				h XM32	22 (E993	301)			Dat	te:	Septem	ber 200	7			
	C	OST	ELEM	IENTS	}						Fiscal Y	ear 08	3	1									Fiscal Y	Year 09						
		S	PROC	ACCEP	BAL									Calenda	r Year 0	8								Caler	ıdar Ye	ar 09				
M		Е	QTY	PRIOR	DUE								1	1	1 1				1	1			1 1	1	1		1	1		
F R	FY	R V	Each	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
M3:	22 Tacti	cal RW	BK																											
1	FY 08 GWOT	A	689	0	689						A												57	57	57	57	57	57	57	290
•																														
Tot	al		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	
									1	I	I		1	I	l I				l	l				l	l		l	l		<u>I</u>
M								PRODU	ICTION 1	RATES						Α	DMIN L	EAD T	IME		MFR		TOTA	A L	REMA	RKS				1
F											Reach	ned M	FR			Prio	or 1 Oct	After	r 1 Oct	Aft	er 1 Oct		After 1							
R				ne - Locati				MIN	1-8-5	MAX	D+		1 In	itial			6	-	7		15		22							
1	Ensign	Bickfo	ord Inc, Si	msbury, C	T			50	150	300				eorder			6		6		12		18		_					
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		F	Y 10 /	' 11 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN Demoliti				h XM32	22 (E993	801)			Dat	te:	Septem	nber 200	7			
	C	OST I	ELEM	IENTS							Fiscal Y	ear 10)										Fiscal Y	Year 11						
1		S	PROC	ACCEP	BAL									Calenda	r Year 1	0								Cale	ndar Ye	ar 11				
M		Е	QTY	PRIOR	DUE					Б			1 14	Τ.			0	0		ъ		г				l .		1 .		
F R	FY	R V	Each	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	U L	A U G	S E P	Later
M32	22 Tacti	cal RW	BK																											
1	FY 08 GWOT	A	689	399	290	58	58	58	58	58																				0
				-																										
Tota	al		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	
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M]	PRODU	CTION 1	RATES						Α	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA	RKS				1
F											Reach	ied M	FR			Pri	or 1 Oct	After	r 1 Oct	Aft	er 1 Oct		After 1							
R				ne - Locati				MIN	1-8-5	MAX	D+		1 In	itial			6		7		15		22							
1	Ensign	Bickfo	rd Inc, Si	msbury, C	T			50	150	300				eorder			6		6		12		18		_					
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Exhibit P-40, Budget Item	Justificatio	n Sl	heet						Da	ite:	1 2007	
						1				Sej	ptember 2007	
Appropriation / Budget Activity / Seri Procurement of Ammunition, Army /						P-1 Item No	omenclature RENADES, ALL T	YPES (E34000)				
Program Elements for Code B Items:			Code:		Other Related Pr	ogram Elemen	ts:					
	Prior Years	FY	2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	2 FY 2013	To Complete	Total Prog
Proc Qty												<u> </u>
Gross Cost					82.4							82.4
Less PY Adv Proc												İ
Plus CY Adv Proc												<u> </u>
Net Proc P1					82.4							82.4
Initial Spares												<u> </u>
Total Proc Cost					82.4							82.4
Flyaway U/C												<u> </u>
Weapon System Proc U/C												
Description: This budget line includes Grenades, Al	l Types.											

Justification:
FY 2008 Base Appropriation: \$72.4 Million
FY 2008 Global War On Terrorism (GWOT): \$10.0 Million FY 2008 Total \$82.4 Million

Exhibit P-5, Weapon AMMO Cost Analysis		riation/Budget A rement of Ammu		al No: ny / 1 / Ammunit			menclature: LL TYPES (E3400	00)		Weapon System	n Type:	Date:	September 200
AMMO	ID		FY 06			FY 07			FY 08	•		FY 09	
Cost Elements	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	Justificatio	n Sh	eet						I	Date:	Sej	ptember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /						P-1 Item No	omenclature RENADE SMOKE	SCREENING TN	G M82 (E00	500)			
Program Elements for Code B Items:		C	Code:	A	Other Related Pro	ogram Element	ts:						
	Prior Years	FY 2	2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 20	12 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													

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.

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.

FY 2008 Base Appropriation: \$3.8 Million FY 2008 Main Supplemental Request: \$4.0 Million FY 2008 Total \$7.8 Million

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	oriation/Budget A rement of Ammu	ctivity/Ser unition, Ar	ial No: my / 1 / Ammunit			omenclature: OKE SCREENING	G TNG M82 (E005	500)	Weapon System	n Type:	Date:	September 200
AMMO	ID		FY 06		1	FY 07			FY 08	,		FY 09	
Cost Elements	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	nt History and Planning							ate: eptembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: MOKE SCREENING TNG M	182 (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	RFF 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			

		F	Y 08 /	09 BU	DGE	ΓPRO	ODU	CTIO	N SCI	HEDU	LE				M NOME DE SMO			G TNG	M82 (E0	00500)			Dat	te:	Septem	nber 200	7			
	C	OST	ELEN	1ENTS	}						Fiscal Y	ear 08											Fiscal Y	Year 09	1					
	I	I a	PDOG	L GGED	l n.v				1					~							Ι									
M		S E	PROC QTY	ACCEP PRIOR										Calenda	r Year 0	18								Cale	ndar Ye	ar 09				
F R	FY	R V	x1000	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Co	mplete C	renade		•		•		•	•														•		•					•
1	FY 08	A	23	0	23								Α	L.																23
_	mplete C																													
1	FY 08 GWOT	A	37	0	37								Α	L																37
																													<u> </u>	
				-	1																									
To	tal		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	
	_																			1										
M								PRODU	JCTION :	RATES							DMIN I	_		4	MFR		TOTA		REMA	RKS				
F											Reach	_				Pri	or 1 Oct	-	r 1 Oct	Aft	ter 1 Oct		After 1							
R				ne - Locati	ion			MIN	1-8-5	MAX	D+	_ 1					6		8		18		26							
1	To Be	Selecte	d					15	50	150	-	_		order			6		6		15		21							
													Ini	tial																
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	1												Ini	tial											1					
	1											_	Re	order											1					
	1												Ini	tial											1					
	1									1	1		Re	order				1		I										

Item No. 27 Page 6 of 16 113 Exhibit P-21 Production Schedule

		F	Y 10 /	' 11 BU	DGET	r PR(ODUC	TIO	N SCI	HEDU	LE			P-1 ITEM GRENAI				G TNG	M82 (E	00500)			Dat	te:	Septen	nber 200	7			
	C	OST	ELEM	IENTS	}						Fiscal Y	ear 10)										Fiscal Y	Year 11						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calendar	r Year 1	0								Cale	ndar Ye	ar 11				-
F R	FY	R V	x1000		AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Cor	nplete G	renade				1			IN	ь	K	K	1	IN	L	U	г	1		C	IN	ь	K	K	1	IN	L	G	Г	
	FY 08		23	0	23		5	5	5	5	3																			0
_	nplete C		1														<u>l</u>				Į .			<u>l</u>		<u> </u>		<u>l</u>	<u> </u>	
1	FY 08 GWOT	A	37	0	37						2	5		5 5	5	5	5	5												0
	GWOI																													
														+																
Tot	al		60		60		5	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								PRODU	CTION	RATES							DMIN I			-	MFR		TOTA		REMA	RKS				
F												ed M				Pri	or 1 Oct		r 1 Oct	Aft	ter 1 Oct		After 1							
R	+			ne - Locati	on			-	1-8-5	MAX	D+		1 In	itial			6	+	8		18		26							
1	To Be	Selecte	d					15	50	150		_	_	eorder			6		6		15		21							
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	-							\longrightarrow				_	_	itial				-							4					
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	1									l	1		R	eorder				1		1					1					

Exhibit P-40, Budget Item	Justificatio	n Shee	t					Date:		otember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /	al No: / 1 / Ammunition				P-1 Item No	omenclature RENADE HAND :	SMOKE HC AN-N	18 (E33700)			
Program Elements for Code B Items:		Cod	le: A	Other Related Pro	ogram Elemen	ts:					
	Prior Years	FY 200	06 FY 200	7 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											
D			•								

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.

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.

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	riation/Budget A rement of Ammu	ctivity/Seri inition, Arr	al No: ny / 1 / Ammuniti			menclature: ND SMOKE HC	AN-M8 (E33700)		Weapon System	n Type:	Date:	September 2007
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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					
Total:								2000					

Exhibit P-5a, Budget Procureme	ent History and Planning							ate: eptembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: AND 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										l
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

		F	Y 08 /	09 BU	DGE'	ΓPRO	ODU	CTIO	N SCI	HEDU	LE			P-1 ITEN GRENA				AN-M8	(E33700	0)			Dat	te:	Septem	nber 200	7			
	C	OST	ELEM	IENTS	,						Fiscal Y	ear 08	3										Fiscal Y	Year 09						
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	C	OST	ELEM	IENTS]	Fiscal Y	ear 10											Fiscal Y	Year 11						
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Exhibit P-40, Budget Item	Justificatio	on Sheet						Date:		otember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army					P-1 Item No	omenclature RENADE HAND S	SMOKE GREEN I	M18 (E34001)			
Program Elements for Code B Items:		Code:	A	Other Related Pro	gram Elemen	ts:					
	Prior Years	FY 2006	FY 200	7 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											

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 am 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.

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.

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	oriation/Budget A prement of Ammu	activity/Seri unition, Arr	al No: ny / 1 / Ammunit			menclature: VD SMOKE GRE	EN M18 (E34001))	Weapon System	n Type:	Date:	September 200
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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 APPROPPRIATION								5861					
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 Procureme	nt History and	Planning							ate: eptembe	r 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon S	ystem Type:	P-1 Line Item GRENADE H	Nomenclature: AND SMOKE GREEN M18	(E34001)						
WBS Cost Elements:	Contracto	r 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 I Perry, FL	nc.	C/OPT	Rock Island, IL	Mar 08	Nov 08	102	6			
FY 2008	Critical Solutions In Dallas, TX	c.	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 I Perry, FL	nc.	C/OPT	Rock Island, IL	Mar 08	Apr 09	43	6			
FY 2008	Critical Solutions In Dallas, TX	c.	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			

		F	Y 08 /	09 BU	DGET	r PR(ODUC	CTIO	N SCI	HEDU	LE				M NOME DE HAN			EEN M1	8 (E340	01)			Dat	te:	Septem	nber 200	7			
	C	OST	ELEN	IENTS]	Fiscal Y	ear 08											Fiscal Y	Year 09	ı					
		1	1	ı	1				1												ı									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ar Year 0	8								Cale	ndar Ye	ar 09				
F R	FY	R V	x1000	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Loa	d, Asser	nble, ar	nd 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
Loa	d, Asser	nble, ar	nd Pack																											
	FY 08 GWOT	A	75	0	75																					14	44	17		0
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																											<u> </u>			
Tota	ıl		193		193																			44	44	44	44	17		
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R			Non	ne - Locati			١,	MIN	1-8-5	MAX	D+	ed M	-			Pno	or 1 Oct	+	r 1 Oct	AII	ter 1 Oct		After 1		on the	same ass	embly l	ine. Prod	duction	will be
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Exhibit P-40, Budget Item	Justincatio	n S	neet							Date.		tember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /						P-1 Item No	omenclature MULATORS, ALI	L TYPES (E51200))				
Program Elements for Code B Items:			Code:		Other Related Pro	ogram Element	ts:						
	Prior Years	FY	Y 2006	FY 2007	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 20)12	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													
Description: This budget line includes Simulators, <i>A</i>	All Types.						•	•	•	•			

Justification:
FY 2008 Base Appropriation: \$21.6 Million
FY 2008 Global War On Terrorism (GWOT): \$ 8.0 Million
FY 2008 Total \$29.6 Million

Item No. 29 Page 1 of 22 124

Exhibit P-40 Budget Item Justification Sheet

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	riation/Budget Ad rement of Ammu	ctivity/Seri nition, Arn	al No: ny / 1 / Ammuniti			omenclature: ALL TYPES (E5	1200)		Weapon System	n Type:	Date:	September 2007
AMMO	ID		.,			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	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	Justificatio	n Sh	eet						I	Date:	Sep	otember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /						P-1 Item No	omenclature MULATOR PROJ	GND BURST M1	15A2 (E497	00)			
Program Elements for Code B Items:		C	Code:	A	Other Related Pr	ogram Element	ts:						
	Prior Years	FY	2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 20	12	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													

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.

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.

FY 2008 Base Appropriation: \$5.1 Million FY 2008 Global War On Terrorism (GWOT): \$3.0 Million FY 2008 Total \$8.1 Million

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	oriation/Budget A rement of Ammu	ctivity/Seri inition, Arn	al No: ny / 1 / Ammuniti			menclature: ROJ GND BURST	Γ M115A2 (E4970	0)	Weapon System	n Type:	Date:	September 200
AMMO	ID								FY 08	1		FY 09	
Cost Elements	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			

Exhibit P-5a, Budget Procureme	ent History and Planning							ate: eptembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: 2 PROJ GND BURST M115A	2 (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 GLOBAL WAR ON TERRORISM	Pyrotechnique by Grucci Inc Radford, VA	C/OPT	Rock Island, IL	Mar 08	Mar 09	281	17	Y		
COMPLETE ROUND FY 2008	Pyrotechnique by Grucci Inc Radford, VA	C/OPT	Rock Island, IL	Mar 08	Jan 10	115	17			

	FY 08 / 09 BUDGET PRODUCTION SCHEDULE																													
		F	FY 08 /	09 BU	DGET	PRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN				T M115	5A2 (E49	9700)			Date	e:	Septem	ber 200	7			
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M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year (18								Caler	ıdar Ye	ar 09				
F R	FY	R V	x1000	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
COI	MPLET	E ROU	ND																											
_	FY 08		281	0	281						A												30	30	30	30	30	30	30	71
_	FY 08		11								A																			11
	FY 08		19	0	19						A																			19
	MPLET	E ROU		ı			1	1	1 1		-		1		ı	1	1 1			1			1							ı
	FY 08 GWOT	A	115	0	115																									115
Tota	al	l	426		426																		30	30	30	30	30	30	30	216
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M								PRODU	ICTION I	RATES						A	ADMIN I	EAD T	IME		MFR		TOTA	L	REMA	RKS				'
F											Reach	ied M	FR			Pri	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R				ne - Location MIN 1-8-5 MAX D+								1 I	nitial			6		8		18		26								
1	Pyrote	chnique	e by Grucci Inc, Radford, VA 5 15 30									leorder			6		6		12		18									
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	FY 10 / 11 BUDGET PRODUCTION SCHEDULE																													
		F	Y 10 /	11 BU	DGE	r PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN				T M115	5A2 (E49	9700)			Dat	te:	Septen	nber 200	7			
	C	OST	ELEM	IENTS	}						Fiscal Y	ear 10											Fiscal Y	Year 11						
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M		S E	PROC QTY	PRIOR	DUE									Calenda	r Year I	·U								Calei	ndar Ye	ar 11				
F R	FY	R V	x1000	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
CO	MPLET	E ROU	ND																											
_	FY 08		281	210	71	30	30	11																						0
1	FY 08	AF	11	0	11			11																						0
	FY 08		19	0	19			8	11																					0
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	FY 08 GWOT	A	115	0	115				19	30	30	30		6																0
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Tota	al	l	426	210	216	30	30	30	30	30	30	30	6																	
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						1	V	C	IN	Б	K	K	1	IN	L	u	r	1	v	C	IN	ь	K	K	1	IN	L	G	r	1
M							1	PRODU	CTION I	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA	A L	REMA	RKS				1
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Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:	Sej	ptember 2007	
Appropriation / Budget Activity / Seri Procurement of Ammunition, Army					P-1 Item No	omenclature MULATOR BOOK	BY TRAP FLASH	M117 (E49900)			
Program Elements for Code B Items:		Code:	A	Other Related Prog	gram Elemen	ts:					
	Prior Years	FY 2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				181							181
Gross Cost		<u> </u>		4.6							4.6
Less PY Adv Proc		İ									
Plus CY Adv Proc]									
Net Proc P1		<u> </u>		4.6							4.6
Initial Spares		<u> </u>									
Total Proc Cost		<u> </u>		4.6							4.6
Flyaway U/C		<u> </u>									
Weapon System Proc U/C											
Description: The M117 Booby Trap Simulator is a triggered produces flash and bang that Justification: FY 2008 Global War on Terrorism (G military capabilities. FY 2008 GWOT war-fighter requirements.	simulates an ex WOT) request p	plosive device	e. This iter	n is code A, approve to prosecute the GV	ved for service WOT by reset	e use.	lacing battle lo	osses, generatin	g and protecti	ng forces, and e	enhancing

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	riation/Budget A rement of Ammu	ctivity/Seri inition, Arn	al No: ny / 1 / Ammunitio		Line Item No ULATOR BO		ASH M117 (E4990	00)	Weapon System	n Type:	Date:	September 2007
AMMO	ID		FY 06		•	FY 07			FY 08	1		FY 09	
Cost Elements	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													1
Complete Round								2399	99	24			I
Subtotal Hardware								2399					1
PRODUCTION SUPPORT													1
Production Engineering								173					1
Quality Assurance								3					I
Subtotal Production Support								176					1
SUBTOTAL BASIC APPROPRIATION								2575					1
GLOBAL WAR ON TERRORISM													1
HARDWARE													İ
Complete Round								2000	82	24			İ
SUBTOTAL GWOT REQUEST								2000					
Total:								4575		25			1

Exhibit P-5a, Budget Procureme	nt History and Planning							Oate: eptembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: BOOBY TRAP FLASH M1	17 (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			

1																														
		FY	08 /	09 BU	DGET	r PRC	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN SIMULA				ASH M	117 (E4	9900)			Dat	te:	Septem	iber 200	7			
	COS	ST EI	LEM	ENTS							Fiscal Y	ear 08											Fiscal Y	Year 09	1					
, ,									ı																					
M		S P E 0	ROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	18								Caler	ndar Ye	ar 09				
F F		R V	x1000	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Comple	ete Roui	nd	•																				•			•				
1 FY			99	0	99						A													23	23	23	23	7		0
1 FY	08 M	IC	77	0	77						A																	16	23	38
	ete Roui	nd																												
1 FY GW	08 A VOT		82	0	82																									82
-																														
-																														
Total			258		258																			23	23	23	23	23	23	120
10111						0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	Α	S	
						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
M								PRODU	ICTION I	RATES						А	DMIN L	EAD T	IME		MFR		TOTA		REMA					
F											Reach	ed M	₹R			Pric	or 1 Oct	After	r 1 Oct	Aft	er 1 Oct		After 1	Oct	Becaus FY06.	se of a la	rge supp 007 prod	lemental luction v	buy lat	e in nd one
R			Name	e - Locatio	on		1	MIN	1-8-5	MAX	D+	1	Ini	tial			6		8		18		26		month	beyond	the FDP			delivered
1 L3	3 - Bulo	va Tech	nologi	es, Mayo,	ayo, FL 5 20 30							Re	order			6		6		12		18		within	the FDP					
													Ini	tial																
													Re	order																
													Ini	tial																
										Re	order																			
													Ini	tial											1					
									Re	order				1																
										Ini	tial				1															
									1			Re	order				1		1											

		FY 10 / 11 BUDGET PRODUCTION SCHEDULE																												
		F	FY 10 /	'11 BU	DGE	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN SIMULA				ASH M	117 (E4	9900)			Dat	te:	Septem	nber 200	7			
	C	OST	ELEN	IENTS	5						Fiscal Y	ar 10											Fiscal Y	Year 11						
	1	T c	ppoc	A CCEP	DAY				I					<u> </u>	¥7. 4									<u> </u>						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year I	.0								Calei	ndar Ye	ar II				
F R	FY	R V	x1000	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Co	mplete F	Round	1	1	1	1	1	ı	1					ı	1								ı	ı		1	1	1		
	FY 08	-	99																											0
	FY 08	1	77	39	38	24	14																							0
	mplete F		1	ı	ı	1	ı	ı	ı .					1	1			-					1	ı		1	ı	ı		1
1	FY 08 GWOT	A	82	0	82		10	24	24	24																				0
				3 138 120 24 24 24 24 24																										
То	tal	1	258	138																										
				O N D J F M A C O E A E A I								A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
									11	ь	K	K	-	11	L	0	1		•	C	11	ь	K	K		11	L	G	1	1
М]	PRODU	CTION I	RATES						Α	DMIN I	EAD T	IME		MFR		TOTA	A L	REMA	RKS				1
F											Reach	ed MF	R			Pric	or 1 Oct	After	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R			Name - Location MIN 1-8-5 MAX D+								1	In	itial			6		8		18		26								
1	L3 - B	ulova T	lova Technologies, Mayo, FL 5 20 30									R	eorder			6		6		12		18								
												In	itial																	
												Re	eorder																	
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											_	eorder											4							
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											1		IR(eorder				1		1		1			1					

Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:		ptember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army					P-1 Item No	omenclature MULATOR BOOK	BY TRAP WHIST	LING M119 (E501	100)		
Program Elements for Code B Items:		Code:	A	Other Related Pro	gram Element	ts:					
	Prior Years	FY 2006	FY 200	07 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											<u> </u>
Plus CY Adv Proc											<u> </u>
Net Proc P1				3.7							3.7
Initial Spares											<u> </u>
Total Proc Cost				3.7							3.7
Flyaway U/C											<u> </u>
Weapon System Proc U/C											<u> </u>
Descriptions						•	•	•	•		

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.

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.

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	oriation/Budget A rement of Ammu	ctivity/Seri inition, Arr	al No: ny / 1 / Ammunitio			menclature: OOBY TRAP WI	HISTLING M119 ((E50100)	Weapon System	n Type:	Date:	September 200
AMMO	ID		FY 06		•	FY 07			FY 08	1		FY 09	
Cost Elements	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			

Exhibit P-5a, Budget Procureme	ent History and Planning							Oate: eptembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: BOOBY TRAP WHISTLIN	G 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			

		F	FY 08 /	09 BU	DGE	ΓPRO	ODU	CTIO	N SCI	HEDU	LE				M NOME			HISTLII	NG M11	19 (E501	00)		Dat	te:	Septem	nber 200	7			
	C	OST	ELEM	IENTS	}						Fiscal Y	ear 08											Fiscal Y	Year 09	ı					
		1 -	T	I	T =				1																					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	8								Cale	ndar Ye	ar 09				
F R	FY	R V	x1000	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Coı	nplete F	Round																												
1	FY 08	A	58	0	58						A												12	12	12	12	10			0
	nplete F	Round	1	I	ı		1	1	1	1				1										1		1	1			
1	FY 08 GWOT	A	82	0	82																						2	12	12	56
																												 		
																												\vdash		
																												\vdash		
																												\vdash		
Tot	al		140		140																		12	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	
								ı	I		I			1	<u> </u>															
M	I							PRODI	JCTION 1	PATES						Δ	DMIN L	FADT	IME		MFR		TOTA	ΔΙ	REMA	PKS				
F								INODE			Reach	ed Mi	FR				or 1 Oct		r 1 Oct		er 1 Oct		After 1							
R			Nam	ne - Locati	on			MIN	1-8-5	MAX	D+	1	Init	ial			6		8		18		26							
1	L3 - B	ulova T	ech, May										Red	order			6		6		12		18							
													Init	ial																
													Red	order																
												Init	ial																	
													Red	order																
										Init	ial]								
										Red	order											1								
											Init	ial											1							
										Red	order																			

		FY 10 / 11 BUDGET PRODUCTION SCHEDULE																												
		F	FY 10 /	11 BU	DGE	r PR(ODUC	CTIO	N SCI	IED U	LE				M NOME ATOR BO			HISTLI	NG M1	19 (E501	00)		Dat	te:	Septem	ber 200	7			
	C	OST	ELEN	IENTS	;						Fiscal Y	ear 10											Fiscal Y	Year 11						
			PROG	A CCEP	DAI				1					<u> </u>	¥7. 4										1 77					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 1	.U								Caler	ıdar Ye	ar II				
F R	FY	R V	x1000	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Con	nplete R	ound																												
_	FY 08		58	58																										0
	nplete R	ound																												
1	FY 08 GWOT	A	82	26	56	12	12	12	12	8																				0
								ļ																						
																												<u> </u>		
														1																
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					84 56 12 12 12 12 8 O N D J F M A																									
Tot	al		140	84	56	12	12	12	12	8																				
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						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	S E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
	ı															_														
M								PRODU	CTION I	RATES							DMIN I				MFR		TOTA	AL	REMA	RKS				
F												ied M	_			Prio	or 1 Oct		r 1 Oct	Aft	er 1 Oct		After 1							
R	_			ne - Locati	on		1	MIN	1-8-5	MAX	D+		l Ini				6	_	8		18		26		_					
1	L3 - B	ulova T	ech, May	o, FL	5 20 44								_	order			6		6		12		18		_					
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Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:		otember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army	al No: / 1 / Ammunition				P-1 Item No	omenclature MULATOR HAN	D GRENADE M1	16A1 (E50200)			
Program Elements for Code B Items:		Code:		Other Related Pro	gram Elemen	ts:					
	Prior Years	FY 2006	FY 200	7 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											

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.

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

Item No. 29 Page 18 of 22 141 Exhibit P-40 Budget Item Justification Sheet

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	oriation/Budget A rement of Ammu	ctivity/Seri inition, Arr	al No: ny / 1 / Ammuniti			menclature: AND GRENADE	M116A1 (E50200))	Weapon Syster	n Type:	Date:	September 200
AMMO	ID		FY 06		•	FY 07			FY 08			FY 09	
Cost Elements	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			

Exhibit P-5a, Budget Procureme	nt History and Planning							Oate: eptembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: 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										l
FY 2008	Ptrotechnique by Grucci Radford, Va	C/OPT	Rock Island, IL	Mar 08	Apr 09	245	14]
GLOBAL WAR ON TERRORISM										1
M116A1 Simulator Complete										1
FY 2008	Ptrotechnique by Grucci Radford, Va	C/OPT	Rock Island, IL	Mar 08	Dec 09	145	14]

		F	Y 08 /	09 BU	DGET	Γ PR(ODUC	CTIO	N SCI	HEDU	LE				M NOME ATOR H			E M116	A1 (E50	200)			Dat	te:	Septem	ber 200	7			
	CC	OST I	ELEM	IENTS							Fiscal Y	ear 08		•									Fiscal Y	Year 09	١					
		S	PROC	ACCEP	BAL									Calenda	ır Year 0	8								Cale	ndar Ye	ar 09				
M		E		PRIOR	DUE		ı				1		1										1	ı						
F I	FY	R V	x1000	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
M116	A1 Sin	nulator	Complete	e																										
1 FY		A	245	0	245			<u> </u>			A													6	50	50	50	50	39	0
1 FY	08	AF	24	0	24						A																		11	13
		CG	1	0				↓			A																			1
1 FY	08	MC	31	0	31			<u> </u>			Α																			31
1 FY		SOC	70	l	70			<u></u>			A																			70
		nulator	Complete		1	1	1		1				1							1	1			1		1				
1 FY GV	08 VOT	A	145	0	145																									145
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Total			310		310	0	N	D	J	F	M	Α.	M	J	J		c	0	N	D	J	F	M	A	M	J	J		S S	200
						C T	O V	E C	A N	E B	A R	A P R	A Y	U N	U L	A U G	S E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	A U G	E P	
M								PRODU	ICTION :	RATES						A	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA	RKS				
F											Reach	ned M	FR			Pric	or 1 Oct	Afte	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
R			Nam	ne - Locati	on		1	MIN	1-8-5	MAX	D+	-	1 It	nitial			6		8		18		26							
1 P	trotecl	nnique	by Gruce	i, Radford	l, Va			20	40	50			R	.eorder			6		6		12		18							
													Ir	nitial																
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											1		Ir	nitial											1					
													R	eorder											1					
													Ir	nitial											1					
											1		R	eorder		1				1										

		F	FY 10 /	'11 BU	DGET	r PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN				E M116	A1 (E50	200)			Dat	te:	Septem	nber 200	7			
	C	OST	ELEM	IENTS	}						Fiscal Y	ear 10)	•									Fiscal Y	Year 11						
		S	PROC	ACCEP	BAL				1					Calenda	\$7 1	Δ.					I			C-1	ndar Ye	11				-
M		E	QTY	PRIOR	DUE									Calenda	r rear 1	U								Calei	ndar re	ar 11				
F R	FY	R V	x1000	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
M11	6A1 Si	mulator	Complet		1	ı	1		1	1	ı			1	1				1		1		ı	ı		ı	ı	ı	1	
	FY 08	A	245																											0
_	FY 08	AF	24			13																								0
-	FY 08	CG	1	0		1																								0
-	FY 08	MC	31			31																								0
	FY 08	SOC	70 Complet		70	5	50	15																						0
	FY 08	A	145		145		1	35	50	50	10																			0
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Exhibit P-40, Budget Item	Justificatio	n Sheet						Date		ptember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /					P-1 Item No	omenclature on-Lethal Ammuni	tion, All Types (E	91901)			
Program Elements for Code B Items:		Code	•	Other Related Pro	gram Element	ts:					
	Prior Years	FY 2006	FY 200	7 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											
Descriptions											

Description:
This budget line item procures Non-Lethal Ammunition, All Types.

Justification:
FY 2008 Base Appropriation: \$25.2 Million
FY 2008 Global War On Terrorism (GWOT): \$54.0 Million FY 2008 Total \$79.2 Million

Item No. 31 Page 1 of 24 146 Exhibit P-40 Budget Item Justification Sheet

Exhibit P-5, Weapon AMMO Cost Analysis		oriation/Budget Ad rement of Ammu					menclature: nunition, All Type	s (E91901)		Weapon System	m Type:	Date:	September 2007
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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	Justificatio	on Sh	ieet						Dat		otember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /						P-1 Item No	omenclature RENADE, STUN,	M84 (E84900)				
Program Elements for Code B Items:		(Code:	A	Other Related Pro	ogram Element	ts:					
	Prior Years	FY	2006	FY 200	7 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												

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.

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.

E91901 (E84900) Item No. 31 Page 3 of 24 Exhibit P-40 GRENADE, STUN, M84 Budget Item Justification Sheet

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	riation/Budget A rement of Ammu	ctivity/Seri inition, Arr	al No: ny / 1 / Ammunit		1 Line Item No RENADE, STU	omenclature: JN, M84 (E84900))		Weapon System	m Type:	Date:	September 2007
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Co	st 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													
AMMUNITION HARDWARE													
Complete Round	Α							2451	25	98			
SubTotal AMMO Hardware								2451					
Production Support Costs													
Production Engineering								549					
SubTotal Prod. Support								549					
SUBTOTAL GWOT REQUEST													
Total:								3000		120			

History and Pl	lanning								r 2007	
Weapon Syste				_	_					
Contractor an	nd Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?		RFP Issue Date
UPCO Phoenix, AZ		SS/OPT	Picatinny, NJ	Mar 08	Mar 09	25	98			
	Weapon Syst Contractor ar	Contractor and Location UPCO	Weapon System Type: P-1 Line Item GRENADE, S Contractor and Location Contract Method and Type UPCO SS/OPT	Weapon System Type: P-1 Line Item Nomenclature: GRENADE, STUN, M84 (E84900) Contractor and Location Contract Method and Type UPCO SS/OPT Picatinny, NJ	Weapon System Type: P-1 Line Item Nomenclature: GRENADE, STUN, M84 (E84900) Contractor and Location Contract Method and Type UPCO SS/OPT Picatinny, NJ Mar 08	Weapon System Type: P-1 Line Item Nomenclature: GRENADE, STUN, M84 (E84900) Contract or and Location Contract Method and Type Location of PCO Award Date Delivery Delivery UPCO SS/OPT Picatinny, NJ Mar 08 Mar 09	Weapon System Type: P-1 Line Item Nomenclature: GRENADE, STUN, M84 (E84900) Contractor and Location Contract Method and Type Location of PCO Award Date Date of First Nomenclature: OTY Note of PCO Delivery Note of First Note of PCO Note of PCO Delivery Note of PCO Note of PCO Note of PCO Delivery Note of PCO Note of PCO Note of PCO Delivery Note of PCO	Weapon System Type: P-1 Line Item Nomenclature: GRENADE, STUN, M84 (E84900) Contractor and Location Contract Method and Type Location of PCO Award Date Date of First Delivery x1000 \$ UPCO SS/OPT Picatinny, NJ Mar 08 Mar 09 25 98 P-1 Line Item Nomenclature: GRENADE, STUN, M84 (E84900) Contractor and Location Contract Method and Type Location of PCO Award Date Date of First Delivery x1000 \$ SS/OPT Picatinny, NJ Mar 08 Mar 09 25 98 P-1 Line Item Nomenclature: GRENADE, STUN, M84 (E84900) Contractor and Location Contractor and Location SS/OPT Picatinny, NJ Mar 08 Mar 09 25 98 P-1 Line Item Nomenclature: Contractor and Location Contractor and Locat	Weapon System Type: P-1 Line Item Nomenclature: GRENADE, STUN, M84 (E84900) Contractor and Location Contract Method and Type Location of PCO	Weapon System Type: P-1 Line Item Nomenclature: GRENADE, STUN, M84 (E84900) Contractor and Location Contract Method and Type Contract Method and Type September 2007 Award Date of First Delivery x1000 Mar 08 Mar 09 25 98 September 2007 Vinit Cost Specs Avail Revsn Now? Avail

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Exhibit P-40, Budget Item	Justificatio	n Sl	heet						I	Date:	Sep	tember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /						P-1 Item No	omenclature ΓG, 12 GA, NON-I	LETHAL, M1012	(E86400)				
Program Elements for Code B Items:			Code:	A	Other Related Pro	ogram Element	ts:						
	Prior Years	FY	2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 20	12	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													

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.

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.

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	riation/Budget A rement of Ammu	ctivity/Seri mition, Arm	al No: ny / 1 / Ammunit		Line Item No G, 12 GA, NO	omenclature: ON-LETHAL, M1	012 (E86400)		Weapon System	m Type:	Date:	September 2007
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cos	t 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													
AMMUNITION HARDWARE													
Complete Round	Α							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							Oate: Septembe	r 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: NON-LETHAL, M1012 (E864	00)						
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	2	1		

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Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:		ptember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army					P-1 Item No	omenclature TG 40MM NON-L	ETHAL M1006 (F	E89000)			
Program Elements for Code B Items:		Code:	A	Other Related Pro	gram Elemen	ts:					
	Prior Years	FY 2006	FY 200	7 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											
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 polyolatin foam and the body utilizes thermoplastic polyester. This item is Code A, approved for Service use.

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.

Exhibit P-5, Weapon AMMO Cost Analysis		riation/Budget Adrement of Ammu		al No: ny / 1 / Ammuniti			omenclature: N-LETHAL M10	06 (E89000)		Weapon System	m Type:	Date:	September 2007
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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 AMMUNITION HARDWARE													
Complete Round	Α							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					

Detec														
History and Planning								er 2007						
Weapon System Type:			0)											
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					
AMTEC CORP Janesville, WI	C/OPT	Picatinny, NJ	Mar 08	Mar 09	79	21								
	Weapon System Type: Contractor and Location AMTEC CORP	Weapon System Type: Contractor and Location Contract Method and Type AMTEC CORP C/OPT	Weapon System Type: P-1 Line Item Nomenclature: CTG 40MM NON-LETHAL M1006 (E8900 Contractor and Location Contract Method and Type C/OPT Picatinny, NJ	Weapon System Type: P-1 Line Item Nomenclature: CTG 40MM NON-LETHAL M1006 (E89000)	Weapon System Type: P-1 Line Item Nomenclature: CTG 40MM NON-LETHAL M1006 (E89000)	Weapon System Type: P-1 Line Item Nomenclature: CTG 40MM NON-LETHAL M1006 (E89000) Contractor and Location Contract Method and Type Location of PCO Award Date Date of First Nomenclature: CTG 40MM NON-LETHAL M1006 (E89000) Date of First Nomenclature: CTG 40MM NON-LETHAL M1006 (E8900	Weapon System Type: P-1 Line Item Nomenclature: CTG 40MM NON-LETHAL M1006 (E89000) Contract or and Location Contract Method and Type Location of PCO Award Date Date of First QTY Unit Cost Note of the cost of PCO Note of PCO S Note of PCO Note of PCO S Note of PCO	Weapon System Type: P-1 Line Item Nomenclature: CTG 40MM NON-LETHAL M1006 (E89000) Contract or and Location Contract Method and Type Location of PCO	Weapon System Type: P-1 Line Item Nomenclature: CTG 40MM NON-LETHAL M1006 (E89000) Contract or and Location Contract Method and Type Location of PCO					

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	C	OST	ELEM	IENTS	}						Fiscal Y	ear 08	1										Fiscal Y	ear 09						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year (18								Cale	ndar Ye	ar 09				
F R	FY	R V	x1000	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Co	mplete R	ound		I	1		1	1		I				<u> </u>	1														ı	
1	FY 08 GWOT	A	79	0	79						A												18	18	18	18	7			0
To	al		79		79																		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								PRODU	JCTION I	RATES						Α	DMIN I	EAD T	IME		MFR		TOTA	A L	REMA	RKS				
F											Reacl	hed M	FR			Pri	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct	This ro Lethal	und 1s al Capabili	so purcl ties Set.	hased as Product	part of t	the Non- ontinuous.
R				ne - Locati	on		1	MIN	1-8-5	MAX	D+	-	1 In	itial			6		8		15		23			-				
1	AMTE	EC COR	P, Janesv	ille, WI				10	25	50				eorder			6		6		12		18		_					
													-	itial											_					
														eorder											_					
								1			1	_	-	itial				1		-					-					
														eorder						-					-					
											-		<u> </u>	itial eorder				1		-										
											+	-	-	itial				1		-					1					
										-	eorder											1								

Exhibit P-40, Budget Item	Justificatio	n Shee	et					Date:		otember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /	ll No:				P-1 Item No		ETHAL CROWD	DISPERSAL, M10)29 (E90400)		
Program Elements for Code B Items:		Cod	le:	Other Related Pro	gram Elemen	ts:					
	Prior Years	FY 200	06 FY 200°	7 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											

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.

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.

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	riation/Budget A rement of Ammu	ctivity/Seri inition, Arr	al No: ny / 1 / Ammunitio		OMM NO	omenclature: N-LETHAL CRO	WD DISPERSAL	, M1029	Weapon Syster	n Type:	Date:	September 2007
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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													
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 Procureme	nt History and Planning							ate: eptembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: NON-LETHAL CROWD DIS	PERSAL, M102	9 (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			

		F	FY 08 /	09 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE				M NOME MM NON)WD DI	ISPERS.	AL, M10)29 (E90	400)	Dat	te:	Septem	ber 200'	7			
	C	OST	ELEN	IENTS	;						Fiscal Y	ear 08											Fiscal Y	Year 09						
		1		ı	1				1												1									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	8								Caler	ndar Yea	ar 09				
F R	FY	R V	x1000		AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Cor	nplete R	cound				1	<u> </u>		- 11	В	K	K		14	L			•	<u> </u>		14	В	K	K	1	14	L			
_	FY 08	A	5	0	5						A												5					,		0
Cor	nplete R	ound	1	I	1			1										·	ı	ı				ı						
	FY 08 GWOT	A	87	0	87																		14	19	19	19	16			0
																													<u> </u>	
																													—	
														1														<u> </u>	—	
																												 		
.																													$\vdash \vdash$	
-																													\vdash	
Tota	al		92		92																		19	19	19	19	16		\vdash	
-				I		О	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	
						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	S E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
M								PRODU	JCTION 1	RATES							DMIN L	_		-	MFR		TOTA		REMA This ro		nur ol	hacad ac	port of	he Non-
F												ed M				Prio	or 1 Oct	-	r 1 Oct	Aft	er 1 Oct		After 1		Lethal	unu is ai Capabili	ties Set.	Product	ion is co	ontinuous.
R				e - Locati]	MIN	1-8-5	MAX	D+	1					6	+	8		15		23		_					
1	Defens	se Techi	nologies l	nc, Jackso	onville, F	L		10	20	50				order			6		6		12		18		<u> </u>					
													Ini																	
														order																
													Ini	order																
-												-	Ini					1							1					
											+			order											1					
												+	Ini					1							1					
														order				1												

Exhibit P-40, Budget Item	Justificatio	on Sł	neet						Date		ptember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army						P-1 Item No		PABILITIES SET	(E91800)			
Program Elements for Code B Items:			Code:	A	Other Related Pro	ogram Elemen	ts:					
	Prior Years	FY	2006	FY 200	7 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												
B 1.4												

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.

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.

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	riation/Budget A rement of Ammu	ctivity/Seri	ial No: ny / 1 / Ammuniti			menclature: CAPABILITIES	SET (E91800)		Weapon Systen	n Type:	Date:	September 200
AMMO	ID		FY 06		•	FY 07			FY 08			FY 09)
Cost Elements	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:													

Exhibit P-5a, Budget Procureme	nt History and Planning							ate: eptembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: L CAPABILITIES SET (ES	91800)						
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	RFI Issu Dat
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			

		F	Y 08 /	'09 BU	DGET	ΓPRO	ODU	CTIO	N SCI	HEDU	LE				M NOME ETHAL (SET (E	E91800)				Dat	te:	Septem	ber 2007	7			
	C	OST	ELEN	IENTS							Fiscal Y	Year 08	3	•									Fiscal Y	Year 09)					
	1	S	PROC	ACCEP	BAL				1					G 1 1	ır Year 0						l			<u> </u>	ndar Ye					
M		E	QTY	PRIOR	DUE									Calenda	ir Year o	0								Cale	ndar re	ar 09				
F R	FY	R V	x1000	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Set	t Assemb	ly and F	Pack			•		•	•					•																•
1	FY 08	A	47	0	47						A												12	12	12	11				0
Set	t Assemb	ly and F	Pack																											
1	FY 08 GWOT	A	106	0	106																					2	13	13	13	65
То	tal		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								PRODU	JCTION :	RATES						Α	DMIN I	EAD T	IME		MFR		TOTA	A L	REMA	RKS	44.		11	
F											Reac	hed M	IFR			Pric	or 1 Oct	After	r 1 Oct	Aft	ter 1 Oct		After 1	Oct	conclu	mental p sion of th	ne base a	n wili ta ippropria	ke piace	y. Lead
R			Nan	ne - Locati	on]	MIN	1-8-5	MAX	D-	F	1 In	itial			6		8		15		23		times d	lo not ap	ply.			
1	Crane	Army A	ammo Ac	tivity, Cra	ne, IN			1	10	25			R	eorder			6		8		12		20							
													In	itial																
													R	eorder																
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													R	eorder																
													In	itial																
													R	eorder																
													In	itial											1					
Ī													R	eorder				1		1					1					

		F	Y 10 /	11 BU	DGE	Γ PR(ODUC	CTIO	N SCI	HEDU	LE				M NOME ETHAL (SET (E	E91800)				Dat	te:	Septem	nber 200	7			
	C	OST I	ELEM	IENTS	}						Fiscal Y	ear 10											Fiscal Y	Year 11	-					
		S	PROC	ACCEP	BAL				1					Colondo	r Year 1	Λ					I			Color	ndar Ye	on 11				
M		E	QTY	PRIOR	DUE								•	Calenda	r rear r	U				1				Cale	ildar 1e	ar 11			•	
F R	FY	R V	x1000	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Se	t Assemb	ly and P	ack																											
1	FY 08	A	47	47																										0
Se	t Assemb	ly and P	ack																											
1	FY 08 GWOT	A	106	41	65	13	13	13	13	13																				0
To	tal		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	
										•																				
Μ								PRODU	CTION	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA	.RKS				
F											Reach		FR			Prie	or 1 Oct	Afte	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
R	_			e - Locati]		1-8-5	MAX	D+	:	In	tial			6		8		15		23							
1	Crane .	Army A	mmo Ac	tivity, Cra	ne, IN			1	10	25			Re	order			6		8		12		20							
													In	tial																
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Exhibit P-40, Budget Item	Justificatio	n Sl	heet								Date:	Sep	otember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /							P-1 Item No		\$5 MILLION (EA	A0055)				
Program Elements for Code B Items:			Code:		Othe	er Related Pro	gram Element	S:						
	Prior Years	FY	2006	FY 2007	7	FY 2008	FY 2009	FY 2010	FY 2011	FY 2	.012	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		l												
Weapon System Proc U/C														
Description:		_	** 1 A											

This budget line includes Miscellaneous Ammunition Items Under \$5 million.

FY 2008 Base Appropriation - \$6.6 million FY 2008 Global War on Terrorism (GWOT) - \$1.5 million

FY 2008 Total - \$8.1 million

Exhibit P-5, Weapon AMMO Cost Analysis		riation/Budget A rement of Ammu		al No: ny / 1 / Ammunit			menclature: IAN \$5 MILLION	N (EA0055)		Weapon Syster	n Type:	Date:	September 200
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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	Justificatio	n Sheet						Date:			
					1				Sej	ptember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /					P-1 Item No	omenclature FG 12 GAUGE BR	EACHIING ROU	ND (E92100)			
Program Elements for Code B Items:		Code:		Other Related Prog	gram Elemen	ts:					
	Prior Years	FY 2006	FY 2007	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty		<u> </u>		712							712
Gross Cost		<u> </u>		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		<u> </u>									
Weapon System Proc U/C											

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.

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.

Exhibit P-5, Weapon AMMO Cost Analysis	Approp Procu	riation/Budget A rement of Amm	activity/Seri unition, Arr	al No: ny / 1 / Ammunit			menclature: BREACHIING I	ROUND (E92100)		Weapon System	n Type:	Date:	September 2007
AMMO	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	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 Procureme	nt History and Planning							ate: eptembe	er 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: GE 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	RFI Issu 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		

		F	FY 08 /	09 BU	DGE	ΓPRO	ODU	CTIO	N SCI	HEDU	LE			P-1 ITEN CTG 12				ROUNI	O (E9210	00)			Dat	te:	Septen	nber 200	7			
	C	OST	ELEM	IENTS	}						Fiscal `	Year 08											Fiscal Y	Year 09						
		S	PROC	ACCEP	BAL									Calenda	r Vear (18								Cale	ndar Ye	ar 09				_
Μ		Е	QTY	PRIOR	DUE								1					1	ı				1	1			ı	1	1	
F R		R V	x1000	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
C	OMPLET	E ROU	ND																											
1	FY 08	A	174	0	174				A				1:	5 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	4						0
C	OMPLET	E ROU	ND																											
1	FY 08 GWOT	A	538	0	538				A				44	44	44	44	44	44	44	44	44	44	44	54						0
								ــــــ																						
								ــــــ																						
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To	tal		727		727			 					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	
N	1							PRODU	ICTION :	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA	RKS				
F											Reac	hed M	FR			Pri	or 1 Oct	After	r 1 Oct	Af	ter 1 Oct		After 1	Oct						
R			Nam	e - Locati	on]	MIN	1-8-5	MAX	D-	+	1 Ini	tial			3		4		4		8							
1	TO BI	E SELE	CTED					15	100	120			Re	order			3		4		4		8							
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Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:	Sep	otember 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /		oduction base supp	port		P-1 Item No	omenclature ROVISION OF INI	DUSTRIAL FACII	LITIES (EP1000)			
Program Elements for Code B Items:		Code:		Other Related Pro	gram Element	ts:					
	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											

This supplemental budget line includes Provision of Industrial Facilities.

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

Exhibit P-40, Budget Item Justification Sheet								Da	ate: Se	ptember 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:			e:	Other Related Pro	ogram Elemen	ram Elements:					
	Prior Years	FY 200	06 FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	2 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											

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.

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.

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

Item No. 38 Page 2 of 5 177 Exhibit P-40 Budget Item Justification Sheet

Date: Exhibit P-40C, Budget Item Justification Sheet September 2007 Appropriation / Budget Activity / Serial No: P-1 Item Nomenclature Procurement of Ammunition, Army / 2 / Ammunition production base support INDUSTRIAL FACILITIES (EP1200) Code: Other Related Program Elements: Program Elements for Code B Items: Location Project Title Project FY 2006 FY 2007 FY 2008 FY 2009 Production Support 5082992 Holston Army Ammunition Plant (SUPPL) Electrical Infrastructure Upgrade 8700 Holston Army Ammunition Plant (SUPPL) Mod Research Development Explosive/High 5083201 3400 Melt Explosive (RDX/HMX) Iowa Army Ammunition Plant (SUPPL) Multi-Use Fire and Security Facility 5083448 3443 (SUPPL) Insensitive Munitions (IM) Flexible Artillery Iowa Army Ammunition Plant 5083809 6137 Manufacturing System (SUPPL) Replace Security Fence, General Area 5083914 5244 Iowa Army Ammunition Plant (SUPPL) Air Conditioning Unit (ACU) Ductwork, Lake City Army Ammunition Plant 5082729 404 Building 38, Explosives Area (SUPPL) External Steam Line Upgrade 5083429 Lake City Army Ammunition Plant 678 Lake City Army Ammunition Plant (SUPPL) Ductwork Rotoclone-Heating, Ventilation, Air 5083458 664 Conditioning (HVAC) 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 5085332 2971 (PSR) 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 (SUPPL) Production Support Equipment Replacement Milan Army Ammunition Plant 5085317 1111 (PSR) Radford Army Ammunition Plant (SUPPL) Solvent Recovery, New Still House & Tanks 5082650 977 (Design) 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

EP1000 (EP1200) INDUSTRIAL FACILITIES Item No. 38 Page 3 of 5 178 Exhibit P-40C Budget Item Justification Sheet

Date: Exhibit P-40C, Budget Item Justification Sheet September 2007 Appropriation / Budget Activity / Serial No: P-1 Item Nomenclature Procurement of Ammunition, Army / 2 / Ammunition production base support INDUSTRIAL FACILITIES (EP1200) Program Elements for Code B Items: Code: Other Related Program Elements: Location Project Title FY 2006 FY 2007 FY 2009 **Project** FY 2008 Radford Army Ammunition Plant (SUPPL) Acid Plant Modernization 5083120 33900 Radford Army Ammunition Plant (SUPPL) Nitrocellulose (NC) Facilities Upgrade 5083423 17486 5083430 Radford Army Ammunition Plant (SUPPL) Various Hazardous Waste Site Screenings 378 Radford Army Ammunition Plant (SUPPL) Road System Upgrade 5083434 968 Radford Army Ammunition Plant (SUPPL) Replace Refrigeration System, Nitroglycerin 5083477 1168 (NG)-2Radford Army Ammunition Plant (SUPPL) Replace Production and Inventory Management 5083483 786 Control (PRIMAC) System Radford Army Ammunition Plant (SUPPL) Design New Solventless Propellant 5083816 25711 Manufacturing Facility Radford Army Ammunition Plant (SUPPL) Upgrade Nitrocellulose (NC) Biodegradation 3063 5083924 Facility Radford Army Ammunition Plant (SUPPL) Safe Drinking Water Act, Production Areas 5083929 5083 Radford Army Ammunition Plant (SUPPL) Production Support Equipment Replacement 5085326 4274 (PSR) Scranton Army Ammunition Plant (SUPPL) Electrical Upgrades, Plant Wide 5082985 2476 (SUPPL) Cooling Tower, Production Shop Scranton Army Ammunition Plant 5083475 1310 Scranton Army Ammunition Plant (SUPPL) Modernize Forge Shop Rotory Furnaces 5083916 4347 **Subtotal - Production** 0 156,791 Environmental 5194 Iowa Army Ammunition Plant (SUPPL) Iowa Steam Plant NESHAP MACT 5083436 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 (SUPPL) Rebuild C-Line Solvent Recovery System Radford Army Ammunition Plant 5083006 4285 Radford Army Ammunition Plant (SUPPL) Hazardous Waste Tanks, Boiling Tub Pits 5083435 4928 5083915 Radford Army Ammunition Plant (SUPPL) Coal-Fired Steam Plant Environmental 19471

EP1000 (EP1200) INDUSTRIAL FACILITIES Item No. 38 Page 4 of 5 179 Exhibit P-40C Exhibit P-40C, Budget Item Justification Sheet

Exhibit P-40C, Budget Item Justification Sheet								
Appropriation / Budget Activity / Serial No: Procurement of Ammunition, A	P-1 Item Nomenclature INDUSTRIAL FACILITIES	·						
Program Elements for Code B Items:		Code:	Other Related Program	Elements:				
<u>Location</u>		Project Title		<u>Project</u>	FY 2006	FY 2007	FY 2008	FY 2009
	Compliance							
Radford Army Ammunition Plant	(SUPPL) Production (PSR)	n Support Equipmen	nt Replacement	5085326			1222	
	Subtotal - Environ	mental			0	0	43,809	0
Total Industrial Facilities					0	0	200,600	0