DEPARTMENT OF THE ARMY

Procurement Programs



Committee Staff Procurement Backup Book Fiscal Year (FY) 2007 Supplemental Budget Estimate

PROCUREMENT OF AMMUNITION, ARMY

DEPARTMENT OF THE ARMY FISCAL YEAR (FY) 2007 PROCUREMENT OF AMMUNITION PROGRAM AMENDED SUPPLEMENTAL

Appropriation: **AMMUNITION**

Activity: 1. **AMMUNITION**

			(DOLS)			(THOUSANDS C	F DOLLA	RS)		
LINE	ITEM		FY 00		Y 2007		Y 2007		Y 2007		Y 2007
NO.	NOMENCLATURE	ID	UNIT		ppropriation		IX (Bridge)		plemental		Total
()		(=)	COST	QTY	COST	QTY	COST	QTY	COST	QTY	COST
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	SMALL/MEDIUM CALIBER AMMUNITION										
2	CTG, 7.62MM, ALL TYPES (E02000)	Α			56,527		56,800		25,000		138,327
4	CTG, .50 CAL, ALL TYPES (E08000)	Α			62,311		62,550		39,300		164,161
5	CTG, 20MM, ALL TYPES (E08900)	Α			101		11,100		38,100		49,301
6	CTG, 25MM, ALL TYPES (E08200)	Α			31,960				15,000		46,960
7	CTG, 30MM, ALL TYPES (ER8120)	Α			19,353				40,000		59,353
8	CTG, 40MM, ALL TYPES (ER8001)	Α			128,889 				165,200 		294,089
	SUB-ACTIVITY TOTAL								322,600		
	TANK AMMUNITION										
14	CTG, TANK, 120MM TACTICAL, ALL TYPES (E78012)				53,638 				8,000 		61,638
	SUB-ACTIVITY TOTAL								8,000		
	ARTILLERY AMMUNITION										
19	MODULAR ARTILLERY CHARGE SYSTEM (MACS) (E27501)	Α			73,588				20,000		93,588
	SUB-ACTIVITY TOTAL								20,000		
	SOB-ACTIVITY TOTAL								20,000		

DEPARTMENT OF THE ARMY FISCAL YEAR (FY) 2007 PROCUREMENT OF AMMUNITION PROGRAM AMENDED SUPPLEMENTAL

Appropriation: **AMMUNITION**

Activity: 1. **AMMUNITION**

	Γ		(DOLS)								
LINE	ITEM		FY 00		Y 2007		Y 2007		Y 2007		Y 2007
NO.	NOMENCLATURE	ID	UNIT COST	Base A	ppropriation COST	Title QTY	IX (Bridge) COST	Sup _l QTY	olemental COST	QTY	Total COST
(1)	(2)		COST	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
(.)	(-/			(0)	(0)	(,)	(0)	(0)	()	()	(/
	MINES										
23	MINE, CLEARING CHARGE, ALL TYPES (E75100)	Α			4,877				6,000		10,877
25	WINE, CLEAKING CHARGE, ALE THE ES (E73100)										
	SUB-ACTIVITY TOTAL								6,000		
	ROCKETS										
25	SHOULDER FIRED ROCKETS, ALL TYPES (EA4000)	Α			7,710				30,000		37,710
25	SHOOLDER FIRED ROCKETS, ALL TIFES (EA4000)	^			7,710				30,000		37,710
26	ROCKET, HYDRA 70, ALL TYPES (E34000)	Α			136,121				28,000		164,121
	SUB-ACTIVITY TOTAL								58,000		
	OTHER AMMUNITION										
	OTTER ANIMONITION										
27	DEMOLITION MUNITIONS, ALL TYPES (E55400)	Α			36,001				23,500		59,501
28	GRENADES, ALL TYPES (E34000)	В			55,936				2,000		57,936
20	ONENABEO, AEE FIT EO (E34000)				33,330				2,000		37,330
29	SIGNALS, ALL TYPES (E46900)	Α			26,278				163,900		190,178
30	SIMULATORS, ALL TYPES (E51200)	А			10,748				12,000		22,748
30	Olivio Extrono, ALE TTT EO (E01200)				10,740				12,000		22,740
	SUB-ACTIVITY TOTAL								201,400		

DEPARTMENT OF THE ARMY FISCAL YEAR (FY) 2007 PROCUREMENT OF AMMUNITION PROGRAM AMENDED SUPPLEMENTAL

Appropriation: **AMMUNITION**

Activity: 1. **AMMUNITION**

			(DOLS)								
LINE	ITEM		FY 00		Y 2007		Y 2007		Y 2007		Y 2007
NO.	NOMENCLATURE	ID	UNIT		ppropriation		IX (Bridge)		plemental		Total
(4)	(0)		COST	QTY	COST	QTY	COST	QTY	COST	QTY	COST
(1)	(2)			(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	MISCELLANEOUS										
32	NON-LETHAL AMMUNITION, ALL TYPES (E91901)	А			29,968				55,500		85,468
34	ITEMS LESS THAN \$5 MILLION (EA0055)	А			5,471				10,000		15,471
	SUB-ACTIVITY TOTAL								65,500		
	ACTIVITY TOTAL								681,500		
									681,500		
									081,300		

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	14
005	E08900	CTG, 20MM, ALL TYPES	40
006	E08200	CTG, 25MM, ALL TYPES	47
007	ER8120	CTG, 30MM, ALL TYPES	58
008	ER8001	CTG, 40MM, ALL TYPES	65
014	E78012	Ctg, Tank, 120mm Tactical, All Types	98
019	E27501	Modular Artillery Charge System (MACS), All Types	104
023	E75100	MINE, CLEARING CHARGE, ALL TYPES	111
025	EA4000	SHOULDER FIRED ROCKETS, ALL TYPES	118
026	E37300	ROCKET, HYDRA 70, ALL TYPES	
027	E55400	DEMOLITION MUNITIONS, ALL TYPES	
028	E34000	GRENADES, ALL TYPES	
029	E46900	SIGNALS, ALL TYPES	
030	E51200	SIMULATORS, ALL TYPES	201
032	E91901	Non-Lethal Ammunition, All Types	218
034	EA0055	ITEMS LESS THAN \$5 MILLION	

Exhibit P-40, Budget Ite	m Justificati	ion Sheet						Date:	February 2007	
Appropriation / Budget Activity / Seri Procurement of Ammunition, Army	ial No: / 1 / Ammunition				P-1 Item Nomen CTG, 7.	clature 52MM, ALL TYPES (1	E02000)			
Program Elements for Code B Items:		Code:	О	ther Related Progr	am Elements:					
	Prior Years	FY 2005	FY 20	06 FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				13	8.3					138.3
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				13	8.3					138.3
Initial Spares										
Total Proc Cost				13	8.3					138.3
Flyaway U/C										
Weapon System Proc U/C										
Danamintian				•			•	•		L.

This budget line includes 7.62MM ALL TYPES.

FY 2007 Base Appropriation - \$ 56.5 million FY 2007 Title IX (Bridge) Appropriation - \$ 56.8 million FY 2007 Main Supplemental Request - \$ 25.0 million FY 2007 Total - \$ 138.3 million

Exhibit P-5, Weapon AMMO Cost Analysis A	ppropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Amm	nunitio			menclature: LL TYPES (E02	000)		Weapon Syste	m Type:	Date:	February 2007
AMMO	1	ID		FY 05			FY 06			FY 07	
Cost Elements		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG 7.62MM BLANK M82 LINKED/M13									39009	95891	0.41
CTG 7.62MM BALL M80 LINKED/M13									6480	11773	0.55
CTG 7.62MM 4 BALL/1 TRACER F/MINIGUN									4509	8671	0.53
CTG 7.62MM 4 BALL/1 TRACER F/OHF									1623	3748	0.44
CTG 7.62MM M118 LONG RANGE									1991	3180	0.63
CTG 7.62MM ARMOR PIERCING M993									10171	5840	1.75
CTG 7.62MM 4 BALL/1 TRACER LINKED									70368	111116	0.63
CTG 7.62MM SR TRG 4BALL/1TR M973/M974									4176	5069	0.83
Total:									138327	,	

Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /					P-1	Item Nomencle CTG 7.62N	ature MM 4 BALL/1 TRAC	ER LINKED (E02	2002)		
Program Elements for Code B Items:		Code:		Other F	Related Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					111116						111116
Gross Cost					70.4						70.4
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					70.4						70.4
Initial Spares											
Total Proc Cost					70.4						70.4
Flyaway U/C											
Weapon System Proc U/C											
Danamindiana											

This item consists of M80 ball and M62 tracer rounds linked four-to-one and is used in machine gun series M60 and M240. It is intended for use against personnel and non-armor targets. This is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$20.0 million) procures an additional 32.798 million cartridges in support for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 1957

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Am	nmunitio		Line Item No 7.62MM 4		R LINKED (E020	02)	Weapon Syste	em Type:	Date:	February 2007
AMMO		ID	•	FY 05			FY 06			FY 07	
Cost Element	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 Base Appropriation											
COMPLETE ROUND									1588	3 26046	0.61
H/W SUBTOTAL									1588	3	
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING									163	1	
QUALITY ASSURANCE										5	
ACCEPTANCE TESTING									34	9	
PLANT MODERNIZATION									70	0	
PROD SUPPORT SUBTOTAL									268	5	
FY 2007 Title IX (Bridge) Appropriation											
COMPLETE ROUND									3180	0 52148	0.61
TITLE IX SUBTOTAL									3180	0	
H/W SUBTOTAL									2000	0	
FY 2007 Main Supplemental Request											
COMPLETE ROUND									2000	0 32798	0.61
H/W SUBTOTAL									2000	0	
Total:									7036	8	0.63

Exhibit P-5a, Budget Procuren	nent History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: 4 BALL/1 TRACER LINKI	ED (E02002)						
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
FY 2007 Base Appropriation										
COMPLETE ROUND										
FY 2007	ALLIANT TECH (LCAAP) INDEPENDENCE, MO	SS/Option	ROCK ISLAND, IL	Jan 07	Oct 07	19535	0.61	Y		
FY 2007	GENERAL DYNAMICS ST PETERSBURG, FL	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	6512	0.61	Y		
FY 2007 Title IX (Bridge) Appropriation										
COMPLETE ROUND										
FY 2007	ALLIANT TECH (LCAAP) INDEPENDENCE, MO	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	39111	0.61	Y		
FY 2007	GENERAL DYNAMICS ST PETERSBURG, FL	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	13037	0.06	Y		
FY 2007 Main Supplemental Request										
COMPLETE ROUND										
FY 2007	ALLIANT TECH (LCAAP) INDEPENDENCE, MO	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	24598	0.61	Y		
FY 2007	GENERAL DYNAMICS ST PETERSBURG, FL	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	8199	0.61	Y		

REMARKS: THE SMALL CALIBER AMMUNITION STRATEGY CONSISTS OF FOUR STEPS. FIRST, MAXIMIZE LAKE CITY ARMY AMMUNITION PLANT (LCAAP) TO 1.2B CARTRIDGES; SECOND, CONTRACT FOR COMMERCIAL CAPACITY OF 300M CARTRIDGES; THIRD, INCREASE LCAAP CAPACITY AN ADDITIONAL 300M CARTRIDGES; AND FOURTH, INCREASE COMMERCIAL CAPACITY AN ADDITIONAL 200M CARTRIDGES. THIS ITEM IS INCLUDED IN THIS ACQUISITION STRATEGY. COMMERCIAL CAPACITY REQUIREMENTS WILL BE DETERMINED YEARLY BASED ON TOTAL SMCA REQUIREMENTS.

NOTE: THIS IS AN AVERAGE UNIT COST FOR MULTIPLE PRODUCERS

		F	Y 07 /	08 BU	DGE	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			ITEM N G 7.62M			URE TRACEI	R LINK	ED (E02	2002)			Date		Februar	ry 2007				
	C	OST	ELEM	IENTS	3					j	Fiscal Yea	r 07	•										Fiscal Y	ear 08						
		S	PROC	ACCEP	BAL								Cal	endar Y	Year 07									Calend	dar Yea	ır 08				
M F	FY	E R	QTY x1Mil	PRIOR TO	DUE AS OF	O C	N	D	J	F			M		J U	A U	S E	O C	N O	D	J	F E	М	A	M	J U	J U	A U	S E	
R		V		1 OCT	1 OCT	T	O V	E C	A N	E B		P R			L	G	P	T	V	E C	A N	B B	A R	P R	A Y	N N	L	G	P P	Later
	MPLET	E ROU			1	1			1																					
	FY 07 S	A	6.51	0.00	6.51									A									0.50	0.50	0.50	0.50	0.50	0.50	0.50	3.01
	FY 07 S	A	19.50	0.00	19.50				A									2.00	2.00	2.00	2.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.50	0.00
	FY 07 IX	A	39.10	0.00	39.10									A									3.00	3.00	3.00	3.00	3.00	3.00	3.00	18.10
2	FY 07 IX	A	13.00	0.00	13.00									A									1.00	1.00	1.00	1.00	1.00	1.00	1.00	6.00
	FY 07	A	24.60	0.00	24.60									A	+								2.00	2.00	2.00	2.00	2.00	2.00	2.00	10.60
	FY 07	A	8.20	0.00	8.20									A									0.70	0.70	0.70	0.70	0.70	0.70	0.70	3.30
2	FY 07	AF	0.60	0.00	0.60																		0.10	0.10	0.10	0.10	0.10	0.10		0.00
1	FY 07	AF	1.80	0.00	1.80													0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.20	0.20	0.20	0.20	0.00
						O C T	N O V	D E C	J A N	F E B	A		A	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	ICTION :	RATES						A	DMIN L	EAD TI	ME	1	MFR		TOTA	\L	REMA	RKS				ļ
F											Reached	MFR				Prio	r 1 Oct	After	1 Oct	Aft	er 1 Oct		After 1	Oct						
R	+			e - Locati				MIN	1-8-5	MAX	D+	1	Initial				6		4		9		13							
1	+			AAP), IND					13.85	47.80 10.00			Reorde	r			0		9		9		18							
2				CS, ST PE					5.00	17.00	4.00	2	Initial				6		9		9	_	18							
3	ILLIT		ITARY II	NDUSTRI	IES, NAZ	ARETH	1		3.00	17.00	4.00	3	Reorde Initial	<u>r</u>			6		9 4		9		18							
													Reorde	er			6		4		9		13							
	1						$-\!\!\!\!+$					-	Initial																	
	+						+			-		<u> </u>	Reorde	r																
	+						+					1	Initial																	
	 						$-\!$				1	4	Reorde	er		1				l										

E02000 (E02002) CTG 7.62MM 4 BALL/1 TRACER LINKED Item No. 2 Page 6 of 13 6

Exhibit P-21 Production Schedule

		F	Y 07 /	08 BU	DGE	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN CTG 7.6	M NOME 2MM 4 I			R LINK	ED (E0:	2002)			Dat		Februa	ry 2007				
	C	OST I	ELEM	1ENTS	5						Fiscal '	Year 07	,	•									Fiscal Y	ear 08						
·		S	PROC	ACCEP	BAL									Calanda	ır Year 0	17								Calon	dar Ye	ar 08				
M		E	QTY	PRIOR	DUE									Calcilua	1 Teal 0	.,								Calcii	iuai 16	a1 00		1		
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
1	FY 07	CG	1.08	0.00	1.08													0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.08		0.00
2	FY 07	CG	0.36	0.00	0.36																		0.10	0.10	0.10	0.06				0.00
1	FY 07	MC	15.00	13.92	1.08													0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.08		0.00
2	FY 07	MC	4.99	4.63	0.36																		0.10	0.10	0.10	0.06				0.00
1	FY 07	NS	1.90	0.00	1.90													0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.20	0.30	0.30	0.00
2	FY 07	NS	0.64	0.00	0.64																		0.10	0.10	0.10	0.10	0.10	0.04	0.10	0.00
1	FY 07	SOF	2.25	0.35	1.90													0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.20	0.30	0.30	0.00
2	FY 07	SOF	0.75	0.00	0.75																		0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.05
														+																
														+																
Tota	ıl		140.28	18.90	121.38													2.50	2.50	2.50	2.50	2.50	10.20	10.30	9.50	9.42	9.30	9.40	9.70	41.06
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M]	PRODU	ICTION :	RATES						Α	DMIN L	EAD T	IME		MFR		TOTA	AL	REMA	RKS				'
F											Reac	hed M	FR			Pric	or 1 Oct	After	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R			Nam	ne - Locati	on		N	MIN	1-8-5	MAX	D-	+	1 In	itial			6		4		9		13							
1			•	AAP), IND			ИO		13.85	47.80			R	eorder			0		9		9		18							
2	GENE	RAL D	YNAMIC	CS, ST PE	TERSBU	RG, FL			5.00	10.00			2 In	itial			6		9		9		18							
3	ISRAE ILLIT,		TARY II	NDUSTRI	IES, NAZ	ARETH	I		5.00	17.00	4.0			eorder			0	+	9		9		18							
											+		_	itial			6	1	4		9		13							
											+	_		eorder			6		4		9		13							
								+			+		_	itial																
											+		R	eorder																
											1		In	itial																
													R	eorder		1									l					

E02000 (E02002) CTG 7.62MM 4 BALL/1 TRACER LINKED Item No. 2 Page 7 of 13

Exhibit P-21 Production Schedule

		F	Y 09 /	10 BU	DGET	PRO	DUC	TIO	N SCI	IEDU	LE			-1 ITEM NON TG 7.62MM			R LINK	ED (E02	2002)			Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS						:	Fiscal Yea	r 09										Fiscal Y	Year 10	1					
			I		I																								
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE								С	Calendar Year	: 09								Cale	ndar Ye	ar 10				
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	A l	>	M A Y	J J U U N L	A U G	S E P	O C T	N O V	D E C	J A N	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 ROUI	ND							•	•																		
	FY 07 S	A	6.51	3.50	3.01	0.50	0.50	0.50	0.50	1.01																			0.00
		A	19.50	19.50																									0.00
	FY 07 IX	A	39.10	21.00	18.10	4.00	4.00	4.00	4.00	2.10																			0.00
	FY 07 IX	A	13.00	7.00	6.00	1.00	1.00	1.00	1.00	2.00																			0.00
1	FY 07	A	24.60	14.00	10.60	2.00	2.00	2.00	2.00	2.60																			0.00
2	FY 07	A	8.20	4.90	3.30	0.70	0.70	0.70	0.70	0.50																			0.00
2	FY 07	AF	0.60	0.60																									0.00
1	FY 07	AF	1.80	1.80																									0.00
						O C T	N O V	D E C	J A N	F E B		>	M A Y	J J U U N L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
3.7								n o o o	CTION	D.A. TIEG						A DV MV I	EAD T	n G	T	MED		TOT	A.Y.	DEMA	DW0				
M							1	RODU	CTION I	KATES	D1 1	MED				ADMIN L	-		-1	MFR		TOTA		REMA	KKS				
F R			Nam	ie - Locati	on		λ.	4IN	1-8-5	MAX	Reached D+	MFR 1	Initia		Pri	or 1 Oct	+	r 1 Oct	AII	er 1 Oct 9		After 1		1					
1	+	ANT TF				ENCE M		1111	13.85	47.80	Di	1	Reor		+	0	+	9		9		18		1					
2		ALLIANT TECH (LCAAP), INDEPENDENCE, MO 13.85 SENERAL DYNAMICS, ST PETERSBURG, FL 5.00								10.00		2	Initia		+	6	1	9		9		18							
3									5.00	17.00	4.00		Reor	rder	\perp	0		9		9		18		1					
												3	Initia		+	6	1	4		9		13							
												 	Reor		+	6		4		9		13		-					
												1	Initia		+				1					-					
												 	Reor		+									-					
												1	Initia		+				-					1					
_	1									-	+	-1	Reor	uer			1		1					1					

		F	Y 09 /	10 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITE CTG 7.6				R LINK	ED (E02	2002)			Dat	e:	Februa	ry 2007				
	C	OST	ELEM	IENTS							Fiscal '	Year 09)	•									Fiscal Y	ear 10						
		S	PROC	ACCEP	BAL									Calenda	r Vear (9								Cale	ndar Ye	ar 10				_
M		E	QTY	PRIOR	DUE		1	1			1		1		1 1001 0				1				1		1	1	1	1		
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	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	Later
1	FY 07	CG	1.08	1.08																										0.00
2	FY 07	CG	0.36	0.36																										0.00
1	FY 07	MC	15.00	15.00																										0.00
2	FY 07	MC	4.99	4.99																										0.00
1	FY 07	NS	1.90	1.90																										0.00
2	FY 07	NS	0.64	0.64																										0.00
1	FY 07	SOF	2.25	2.25																										0.00
2	FY 07	SOF	0.75	0.70	0.05	0.05																								0.00
													-																	
													1																	
													1																	
_			140.28	99.22	41.06	8.25	0.20	0.20	0.20	8.21			-																	
To	tal		140.28	99.22	41.06		8.20	8.20	8.20				<u> </u>				-													
						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	
																				1										
M								PRODU	ICTION	RATES							DMIN I	1			MFR		TOTA		REMA	RKS				
F												hed N				Pric	or 1 Oct	+	r 1 Oct	Aft	er 1 Oct		After 1		-					
R				ne - Locati				MIN	1-8-5	MAX	D-	+	_	nitial			6	+	4		9		13							
1				AAP), IND			MO		13.85	47.80			_	Reorder			0	+	9		9		18		_					
				CS, ST PE					5.00	10.00			2 I	nitial			6	-	9		9		18							
3	ISRAI ILLIT		TARY II	NDUSTRI	ES, NAZ	ARETH	I		5.00	17.00	4.0	<u> </u>	_	Reorder nitial			6	-	9		9	-	18		1					
													-				6	+	4		9		13		1					
												-	_	Reorder nitial			υ		4		9	-	13		1					
													_	Reorder											1					
												_													1					
													-	nitial Peorder											1					

E02000 (E02002) CTG 7.62MM 4 BALL/1 TRACER LINKED Item No. 2 Page 9 of 13

Exhibit P-21 Production Schedule

	n Justification	Sheet					Γ	Date:	February 2007	
Appropriation / Budget Activity / Ser Procurement of Ammunition, Arm				P-1]	Item Nomencla CTG 7.62M	iture M ARMOR PIERCI	NG M993 (F47500)			
Program Elements for Code B Items:		Code:		er Related Program I	Elements:					
	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				5840						5840
Gross Cost				10.2						10.2
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				10.2						10.2
Initial Spares										
Total Proc Cost				10.2						10.2
Flyaway U/C										
Weapon System Proc U/C										
Description: The M993 7.62mm Armor Piercing (a projectile and a propelling charge carmor penetrating capabilities provided Justification: This is a war reserve item. Procurement	contained in a brass le for a cartridge tha ment builds a war res	cartridge case to the can defeat light serve inventory	o which the phtly armored in accordance	projectile is secured. targets within typicates with the Army's pr	The projectile al medium mac	consists of a turning gun engage	ngsten core pen ement ranges. T	etrator, which is the item is Code	s enclosed by met e A, approved for	al jacket. The
million cartridges in support for the G	Global war on Terr	or (GWO1). 1.	nis requirem	ent is based on opera						

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ar	mmunitio			menclature: RMOR PIERCIN	G M993 (F47500))	Weapon Syste	em Type: De	ate:	February 2007
AMMO		ID		FY 05			FY 06			FY 07	
Cost Element	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY07 BASE APPROPRIATION											
LOAD, ASSEMBLE, PACK									758	2911	0.26
M993 7.62MM AP PENETRATOR									4210	2328	1.81
H/W SUBTOTAL									4968		
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING									204		
QUALITY ASSURANCE											
ACCEPTANCE TESTING											
PROD SUPPORT SUBTOTAL									204		
FY07 MAIN SUPPLEMENTAL REQUEST											
LOAD, ASSEMBLE, PACK									763	2929	0.26
M993 7.62MM AP PENETRATOR									4237	2343	1.81
H/W SUBTOTAL									5000		
Total:									10172		1.75

Exhibit P-5a, Budget Procureme	ent History and Planning							oate: ebruary	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 Date
FY07 BASE APPROPRIATION										
LOAD, ASSEMBLE, PACK										
FY 2007	Alliant Tech (LCAAP) Independence, MO	SS/FP	ROCK ISLAND, IL	Mar 07	Oct 07	2911	0.26	Y		
M993 7.62MM AP PENETRATOR										
FY 2007	Nordic Ammunition Co (NAMMO) Karlsborg, Sweden	SS/FP	ROCK ISLAND, IL	Dec 06	Jun 07	2328	1.81	Y		
FY07 MAIN SUPPLEMENTAL REQUEST										
LOAD, ASSEMBLE, PACK										
FY 2007	Alliant Tech (LCAAP) Independence, MO	SS/Option	ROCK ISLAND, IL	Jun 07	Jan 08	2929	0.26	Y		
M993 7.62MM AP PENETRATOR										
FY 2007	Nordic Ammunition Co (NAMMO) Karlsborg, Sweden	SS/Option	ROCK ISLAND, IL	Jun 07	Dec 07	2343	1.81	Y		

REMARKS:

		F	Y 03 /	04 BU	DGE	ΓPR	ODU	CTIO	N SCI	HEDU!	LE				M NOME 52MM AF			G M993	3 (F4750	00)			Dat	te:	Februa	ry 2007				
ı	C	OST	ELEM	1ENTS							Fiscal Y	ear 03											Fiscal Y	Year 04						
		S	PROC	ACCEP	BAL				$\overline{\mathbf{T}}$					Calanda	ar Year 0	13								Calar	ndar Ye	or 04				
М		E	QTY	PRIOR	DUE									Calenda	ii ieai o				1					Calei	idai 1e	ai 04				
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
FY	07 BAS	E APPF	ROPRIAT	TON																										
_		SEMBL	E, PACK				_																	•						
		A	2.90					<u> </u>			A							0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.10					0.00
		NS	0.08								A					<u> </u>		0.08											<u> </u>	0.00
				TAL REQ	UEST																									
_		SEMBL	E, PACK			1	1																			ı	ı			
	FY 07 S	A	2.93	0.00	2.93							ļ		A							0.50	0.50	0.50	0.50	0.50	0.10	0.10	0.10	0.13	0.00
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			-	 				+	+	\vdash					+								$\vdash \vdash \vdash$					$\vdash \vdash \vdash$		
			-					+						+																
To	al		5.91		5.91													0.48	0.40	0.40	0.90	0.90	0.90	0.90	0.60	0.10	0.10	0.10	0.13	
						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	
						I	1		.1															1		l				
M								PRODU	JCTION I	RATES						A	DMIN I	EAD T	IME	1	MFR		TOTA	AL	REMA		LT 2-9-7	1.16		
F												ned MI	FR			Pric	or 1 Oct	After	r 1 Oct	Afte	er 1 Oct		After 1	Oct	F10/2	OPP A	L1 2-9-7	-10		
R				ne - Locatio				MIN	1-8-5	MAX	D+	- 1	Ini	itial			2		6		11		17							
1	+			, Independe					1.50	4.00	<u> </u>		_	eorder			2	-	6		7		13							
2	Nordic Swede		nition Co	(NAMMO	O), Karls	borg,			1.50	4.00		2	2 Ini	itial			3	+	3		6		9							
	B wede	-						-		<u> </u>	+	一		eorder			2		9		7		16							
											+	_	_	itial		4														
								\longrightarrow			+	一	_	Reorder								\perp			4					
											+	\dashv		itial		4						_			4					
											+	一		eorder		4									4					
											+	\dashv	_	itial		4						_			4					
—												\dashv	Re	eorder				1		1					1					

Exhibit P-40, Budget Item	Justification	Sheet						Date:	February 2007	
Appropriation / Budget Activity / Seri Procurement of Ammunition, Army /				P-1	I Item Nomencla CTG, .50 C	ature AL, ALL TYPES (E	08000)			
Program Elements for Code B Items:		Code:	Other	Related Program	Elements:					
	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				164.2						164.2
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				164.2						164.2
Initial Spares										
Total Proc Cost				164.2						164.2
Flyaway U/C										
Weapon System Proc U/C										
Description: This budget line includes .50 CAL AL	L TYPES.		1	1	1	1	1	1	1	

FY 2007 Base Appropriation-FY 2007 Title IX (Bridge) Appropriation-FY 2007 Supplemental-FY 2007 Total-\$42.3 million \$39.3 million \$164.2 million

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / A	mmuniti			menclature: ALL TYPES (E08	000)		Weapon Syste	m Type:	Date:	February 2007
AMMO		ID		FY 05			FY 06			FY 07	
Cost Element	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG CAL .50 BALL M33 W/M9 LINK									10699	9 4747	2.25
CTG CAL .50 4 BALL/1 TRACER W/M9 LINK									8137	3 32512	2.50
CTG CAL .50 SLAP-T M903 (M962 TRACER)									2180	7 1827	11.93
CTG CAL .50 API MK211 MOD 0 MULTI SNGLE									1270	0 156	8.14
CTG CAL .50 BLANK M1A1 LKD W/M9 LNK									844	4 5829	1.45
CTG CAL .50 SLAP-T M962									342	8 246	13.94
CTG, CAL .50 API MK211 MOD O LKD 4/1									1114	8 1199	9.30
CTG CAL .50 SHORT RG LINKED 4/1									41′	7 117	3.56
CTG CAL .50 SNIPER XM1022									552	2 1676	3.29
CTG CAL, 50 LKD 4 API/1 API T/WM9 LINK									2005:	3 7317	2.77
Total:									16416	1	

Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seri Procurement of Ammunition, Army					P-1	Item Nomencla CTG CAL		API TRACER W	/M9 LINK (E06903)	·	
Program Elements for Code B Items:		Code:		Other R	Related Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					7243						7243
Gross Cost					20.1						20.1
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					20.1						20.1
Initial Spares											
Total Proc Cost					20.1						20.1
Flyaway U/C											
Weapon System Proc U/C											

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:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$20.0 million) procures 7.243 million cartridges in support for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: Mid-1940's

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Am	nmunitio				API TRACER W/M	M9 LINK	Weapon Syste	m Type: D	oate:	February 2007
AMMO		ID	•	FY 05			FY 06	•		FY 07	
Cost Element	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY07 BASE APPROPRIATION											
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING									53		
SUB TOTAL PRODUCTION SUPPORT									53		
FY07 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
LOAD, ASSEMBLE, PACK									19140	7243	2.64
BOX METAL M2A1									683	74	9.24
H/W SUBTOTAL									19823		
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING									155		
QUALITY ASSURANCE									4		
ACCEPTANCE TESTING									18		
SUB TOTAL PRODUCTION SUPPORT									177		
Total:									20053		2.77

Exhibit P-5a, Budget Procureme	ent History and Planning							ate: ebruary	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	RFP Issue Date
FY07 MAIN SUPPLEMENTAL REQUEST										
LOAD, ASSEMBLE, PACK										l
FY 2007	ALLIANT TECH (LCAAP) INDEPENDENCE, MO	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	4708	2.64	Y		
FY 2007	GENERAL DYNAMICS ORD & TAC St. Petersburg, FL	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	2535	2.64	Y		
BOX METAL M2A1										l
FY 2007	BWAY CORPORATION ATLANTA, GA	C/OPTION	ROCK ISLAND, IL	Mar 07	Sep 07	60	9.24	Y		
FY 2007	BEST FOAM FAB CHICAGO, IL	C/OPTION	ROCK ISLAND, IL	Jun 07	Sep 07	14	9.24	Y		

REMARKS: THE SMALL CALIBER AMMUNITION STRATEGY CONSISTS OF FOUR STEPS. FIRST, MAXIMIZE LAKE CITY ARMY AMMUNITION PLANT (LCAAP) TO 1.2B CARTRIDGES; SECOND, CONTRACT FOR COMMERCIAL CAPACITY OF 300M CARTRIDGES; THIRD, INCREASE LCAAP CAPACITY AN ADDITIONAL 300M CARTRIDGES; AND FOURTH, INCREASE COMMERCIAL CAPACITY AN ADDITIONAL 200M CARTRIDGES. THIS ITEM IS INCLUDED IN THIS ACQUISITION STRATEGY. COMMERCIAL CAPACITY REQUIREMENTS WILL BE DETERMINED YEARLY BASED ON TOTAL SMCA REQUIREMENTS.

NOTE: THIS IS AN AVERAGE UNIT COST FOR MULTIPLE PRODUCERS.

		F	Y 07 /	08 BU	DGE	ΓPRO	ODU	CTIO	N SCI	HEDU	LE			P-1 ITEN				API TR A	CER W	/M9 I I	NK (F06	903)	Date		Februar	ry 2007				
	C	OST	FLEN	IENTS	<u> </u>						Fiscal Ye	ar 07		CIGCA		INKED.	+ AI I/1 F	MI IKA	ICEK W	/IVI 9 L.II	VK (E00.		Fiscal Y			y 2007				
				IEMIO	,																									
M		S E	PROC OTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0'	7								Calen	ndar Yea	ır 08				
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
LOA	AD, AS	SEMBL	E, PACK		1			1		1				1						J										ı
	FY 07	A	4.71	0.00	4.71									A									0.40	0.40	0.40	0.40	0.36	0.40	0.40	1.95
2	FY 07	A	2.53	0.00	2.53									A									0.22	0.21	0.21	0.21	0.21	0.21	0.21	1.05
	S FY 07	AF	1.06	0.00	1.06				A									0.09	0.09	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.00
2	FY 07	AF	0.36	0.00	0.36									A									0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.15
1	FY 07	CG	0.29	0.00	0.29				A									0.03	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.02	0.02	0.03	0.02	0.00
2	FY 07	CG	0.10	0.00	0.10									A									0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.03
1	FY 07	MC	1.34	0.00	1.34				A									0.11	0.11	0.11	0.11	0.11	0.12	0.11	0.11	0.11	0.11	0.12	0.11	0.00
2	FY 07	MC	0.45	0.00	0.45									A									0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.17
1	FY 07	NS	0.77	0.00	0.77				A									0.07	0.06	0.06	0.06	0.06	0.07	0.06	0.07	0.06	0.07	0.07	0.06	0.00
2	FY 07	NS	0.26	0.00	0.26									A									0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.11
1	FY 07	SOF	0.49	0.00	0.49				A									0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.00
2	FY 07	SOF	0.16	0.00	0.16									A									0.02	0.01	0.01	0.02	0.01	0.02	0.01	0.06
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M								PRODU	ICTION	RATES						Α	DMIN L	EAD T	IME		MFR		TOTA	AL	REMAI	RKS				
F											Reache	d MF	R			Pri	or 1 Oct	After	1 Oct	Aft	er 1 Oct		After 1	Oct						
R			Nan	ne - Locati	on		1	MIN	1-8-5	MAX	D+	1	In	tial			6		4		9		13							
1	ALLIA	NT TE	CH (LCA	AAP), IND	DEPENDI	ENCE, I	MO		1.15	3.96			Re	order			0		9		9		18							
2		RAL D'		CS ORD &	t TAC, St	t.			0.30	0.75		2	In	tial			6		4		9		13							
	1 010151	,u15, 1 L										-		order tial			0		9		9		18							
														order											•					
												┢		tial				1							1					
													-	order											1					
														tial											1					
										-	order				1							1								

		F	Y 07 /	08 BU	DGET	PRO	DUC	CTIO	N SCI	HEDU	LE			P-1 ITEN CTG CA				API TRA	ACER W	7/M9 LII	NK (E06	5903)	Dat	e:	Februa	ry 2007				
	C	OST I	ELEM	IENTS							Fiscal Ye	ar 07											Fiscal Y	Zear 08						
-			ppog	+ GGER	D. 1				1					~		_								~ .						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	7								Caler	ıdar Ye	ar 08				
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
																													\vdash	
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Γota	.1	Ц—	12.52		12.52													0.35	0.32	0.31	0.31	0.32	1.10	1.05	1.06	1.05	1.01	1.08	1.04	3.52
101	11					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	RATES						A	DMIN L	EAD T	TME		MFR		TOTA	AL	REMA	RKS				1
F											Reache	d MF	R			Prio	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R				ne - Locati				MIN	1-8-5	MAX	D+	1	In	itial			6		4		9		13							
1				AAP), IND			10		1.15	3.96				order			0	1	9		9		18							
2	GENE Petersh	RAL DY ourg, FL	YNAMIC	CS ORD &	TAC, St				0.30	0.75		2	-	itial			6	1	4		9	_	13		_					
														order		+	0		9		9	-	18		-					
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											-		Re	order																
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	Initial Reorder													1																

		—F	Y 09 /	/ 10 BU	J DGE T	 Γ PR()DUC	TIO	N SCI	IEDU	LE				M NOME			API TR	ACER W	7/M9 L.II	NK (E06	5903)	Dat	te:	Februa	ary 2007				
	C	OST	ELEN	MENTS	;						Fiscal Ye	ar 09							TODAY (,,,,,	(200		Fiscal Y	Year 10						
М		S E	PROC QTY	ACCEP PRIOR										Calenda	ar Year 0	9								Caler	ndar Ye	ar 10				
F R	FY	R V	x1Mil		AS OF 1 OCT	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	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
1.0	AD AS	CEMDI	LE, PACK			T	V	C	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	
1	FY 07 S	A	4.71		1.95	0.40	0.40	0.35	0.40	0.40																				0.00
2	FY 07 S	A	2.53	1.48	1.05	0.21	0.21	0.21	0.21	0.21																				0.00
	FY 07	AF	1.06	1.06	,																								<u> </u>	0.00
	FY 07	AF	0.36	0.21	0.15	0.03	0.03	0.03	0.03	0.03																				0.00
	FY 07	CG	0.29	0.29																					0.00					
2	FY 07	CG 0.10 0.07 0.03 0.01 0.01 0.01																												0.00
1	FY 07	MC	1.34	1.34																								0.00		
2	FY 07	MC	0.45	0.28	0.17	0.04	0.03	0.03	0.03	0.04																				0.00
1	FY 07	NS	0.77	0.77																										0.00
2	FY 07	NS	0.26	0.15	0.11	0.03	0.02	0.02	0.02	0.02																				0.00
1	FY 07	SOF	0.49	0.49																										0.00
2	FY 07	SOF	0.16	0.10	0.06	0.02	0.01	0.01	0.01	0.01																				0.00
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M							I	PRODU	CTION I	RATES						Α	ADMIN L	LEAD T	IME		MFR		TOTA	AL	REMA	RKS				•
F									ļ		Reache	d MF	₹R			Pric	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct	:	After 1	Oct						
R			Nam	ne - Locati	on		N	MIN	1-8-5	MAX	D+	1	Init	ial			6		4		9		13							
1	ALLIA	ANT TE	CH (LCA	AAP), IND	DEPENDE	ENCE, N	1O		1.15	3.96			Red	order			0		9		9		18							
2				CS ORD &	t TAC, St				0.30	0.75		2	Init	ial			6		4		9		13							
	Peters	burg, FL					+	-+		 		丄	Red	order			0		9		9		18							
ı		isonig, FL												ial																
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		F	Y 09 /	10 BU	DGE	Γ PR(ODU	CTIO	N SC	HEDU	ILE				M NOME AL .50 LI			API TRA	ACER W	//M9 LI	NK (E06	903)	Dat	te:	Februa	ry 2007				
	C	OST I	ELEN	IENTS							Fiscal Y	ear 09)	•									Fiscal Y	Year 10						
CTG CA COST ELEMENTS Fiscal Year 09													ır Year 0	9								Cale	ndar Ye	ar 10			-			
	FY	R		ТО	AS OF	C	О	E	A	E	A	P	A	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	Later
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						C	О		A	E	A	P		U N	U	U	E	C			A	E	A	P	A	U	U	U	E P	
								PRODU	CTION	RATES						-		1							REMA	RKS				
			N	T				M	105	34437		-				Prio		+		Aft										
	ATTIA	NT TE				ENICE N		MIN			D+	-	<u> </u>					+							1					
	+						10											-				-								
	Petersl	ourg, FL	,										-				0	+			9				1					
		O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A M J J J A S O N D J F M A U U U U U E C C O E A E A E A P A U U U U E C C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T V C N B R R Y N L G P T T T V C N B R R Y N L G P T T T V C N B R R Y N L G P T T T T T T T T T T T T T T T T T T																												
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Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army					P-1	Item Nomencle CTG CAL	ature .50 4 BALL/1 TRAC	ER W/M9 LINK	E07200)	· · · · ·	
Program Elements for Code B Items:		Code:	<u>.</u>	Other R	Related Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					32512						32512
Gross Cost					81.4						81.4
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					81.4						81.4
Initial Spares											
Total Proc Cost					81.4						81.4
Flyaway U/C											
Weapon System Proc U/C											

This item consists of Cartridge, Ball M33 and Cartridge, Tracer M17 linked 4-to-1 with in 100-round belts with the M9 link for use in either the M2 or M3 Machine Gun. The tracer cartridge permits observation of the bullet's trajectory to the point of impact. This item is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. FY 2007 procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$4.3 million) procures 1.783 million cartridges in support for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fighter requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 1968

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / A	mmuniti			menclature: BALL/1 TRACE	R W/M9 LINK (E	07200)	Weapon Syste	em Type:	Date:	February 2007
AMMO		ID	·	FY 05			FY 06			FY 07	
Cost Element	ės.	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 Base Appropriation											
HARDWARE											
LOAD, ASSEMBLE, PACK									11104	4792	2.3
BOX METAL M2A1									452	49	9.2
H/W SUBTOTAL									11556	5	
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING									2560)	
QUALITY ASSURANCE									7	7	
ACCEPTANCE TESTING											
PROD SUPPORT SUBTOTAL									2567	7	
PLANT MODERNIZATION											
NON-RECURRING COSTS											
.50 CAL DODIC REDUCTION STUDY									400)	
NON-RECURRING SUBTOTAL									400)	
FY2007 Title IX (Bridge) Appropriation											
HARDWARE											
LOAD, ASSEMBLE, PACK									60106		2.3
BOX METAL M2A1									2444		9.2
H/W SUBTOTAL									62550)	
FY 2007 Main Supplemental Request											
HARDWARE											
LOAD, ASSEMBLE, PACK									4132		2.3
BOX METAL M2A1									168		9.2
H/W SUBTOTAL									4300)	
Total:									81373		2.:

Exhibit P-5a, Budget Procuren	nent History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: 4 BALL/1 TRACER W/M9	LINK (E07200)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFI Issu Dat
FY 2007 Base Appropriation										
LOAD, ASSEMBLE, PACK										
FY 2007	ALLIANT TECH (LCAAP) INDEPENDENCE, MO	SS/Option	ROCK ISLAND, IL	Jan 07	Oct 07	3354	2.32	Y		
FY 2007	GENERAL DYNAMICS ORD & TAC ST. PETERSBERG	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	1438	2.32	Y		
BOX METAL M2A1										
FY 2007	BWAY CORPORATION ATLANTA, GA	C/Option	ROCK ISLAND, IL	Mar 07	Sep 07	39	9.24	Y		
FY 2007	BEST FOAM FAB CHICAGO, IL	C/Option	ROCK ISLAND, IL	Jun 07	Sep 07	10	9.24	Y		
FY2007 Title IX (Bridge) Appropriation										
LOAD, ASSEMBLE, PACK										
FY 2007 IX	ALLIANT TECH (LCAAP) INDEPENDENCE, MO	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	18156	2.32			
FY 2007 IX	GENERAL DYNAMICS ORD & TAC ST. PETERSBERG	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	7781	2.32			
BOX METAL M2A1										
FY 2007 IX	BWAY CORPORATION ATLANTA, GA	C/Option	ROCK ISLAND, IL	Jun 07	Sep 07	212	9.24			
FY 2007 IX	BEST FOAM FAB CHICAGO, IL	C/Option	ROCK ISLAND, IL	Jun 07	Sep 07	53	9.24			
FY 2007 Main Supplemental Request										
LOAD, ASSEMBLE, PACK										
FY 2007 S	ALLIANT TECH (LCAAP) INDEPENDENCE, MO	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	1248	2.32			
FY 2007 S	GENERAL DYNAMICS ORD & TAC ST. PETERSBERG	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	535	2.32			
BOX METAL M2A1										
FY 2007 S	BWAY CORPORATION ATLANTA, GA	C/Option	ROCK ISLAND, IL	Jun 07	Sep 07	15	9.24			
FY 2007 S	BEST FOAM FAB CHICAGO, IL	C/Option	ROCK ISLAND, IL	Jun 07	Sep 07	4	9.24			

Exhibit P-5a, Budget Procurem	ent History and Planning							ate: ebruary 2007	
ppropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:	P-1 Line Item I CTG CAL .50	Nomenclature: 4 BALL/1 TRACER W/M9	LINK (E07200)					
/BS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$000	Specs Date Avail Revsn Now? Avail	Issue
EMARKS: THE SMALL CALIBER AMMUNITION STRA CONTRACT FOR COMMERCIAL CAPACITY OF 300M C APACITY AN ADDITIONAL 200M CARTRIDGES. THI ASED ON TOTAL SMCA REQUIREMENTS.	CARTRIDGES; THIRD, INCREASE LCAA IS ITEM IS INCLUDED IN THIS ACQUISI	P CAPACITY AN	ADDITIONAL 300M C.	ARTRIDGES;	AND FOURT	H, INCR	EASE CO	MMERCIAL	
OTE: THIS IS AN AVERAGE UNIT COST FOR MULTIF	PLE PRODUCERS								

		F	FY 07 /	08 BU	DGET	r PRC	DUC	CTIO	N SCI	HEDUI	LE		M NOME AL .50 4 B			R W/M9	LINK (E07200)			Date		Februar	y 2007					
	C	OST :	ELEM	IENTS						F	iscal Year	07	•]	Fiscal Y	ear 08						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE								Calenda	ır Year 0	7								Calen	dar Yea	r 08				
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 P R R		M J A U Y N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	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. ASS	SEMBI.	E, PACK	<u> </u>	Į Į	- 1	•		-,					1 2 1	Ü	•	- 1	· .		- ' '	2			- 1	-,	-	Ü	•	
1		A	1.25	0.00	1.25								A									0.11	0.11	0.11	0.10	0.10	0.10	0.11	0.51
2	FY 07 S	A	0.53	0.00	0.53								A									0.05	0.05	0.05	0.04	0.04	0.04	0.05	0.21
	FY 07 IX	A	18.20	0.00	18.20								А									1.50	1.50	1.50	1.50	1.50	1.50	1.50	7.70
	FY 07 IX	A	7.78	0.00	7.78								А									0.70	0.70	0.70	0.60	0.60	0.70	0.70	3.08
1	FY 07	A	3.35	0.00	3.35				A								0.28	0.28	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.00
2	FY 07	A	1.44	0.00	1.44								А									0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.60
1	FY 07	AF	0.38	0.00	0.38												0.04	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.00
2	FY 07	AF	0.39	0.00	0.39																	0.04	0.03	0.04	0.03	0.03	0.03	0.03	0.16
						O C T	N O V	D E C	J A N	F E B	M A P R R		M J A U Y N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	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							1	PRODU	ICTION 1	RATES	T				A	DMIN L	EAD TI	ME	N	/IFR		TOTA	L	REMAI	RKS				
F											Reached	MFR			Pric	or 1 Oct	After	1 Oct	Afte	r 1 Oct		After 1	Oct						
R			Nam	ne - Locatio	on		N	MIN	1-8-5	MAX	D+	1	Initial			6	4	4		9		13							
1	ALLIA	NT TE	ECH (LCA	AAP), IND	EPENDE	ENCE, M	10		5.99	20.77			Reorder			6	4	4		9		13							
2				CS ORD &	TAC, ST	Γ.			1.13	2.83		2	Initial			6	ģ	9		9		18							
	PETER	RSBERG	U		-		Reorder			6	9	9		9		18													
													Initial																
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		F	Y 07 /	08 BU	DGET	ΓPR(ODUC	CTIO	N SCI	HEDU	LE				1 NOME L .50 4 B			R W/M9	LINK (E07200)		Date		Februar	y 2007				
	C	OST	ELEN	1ENTS]	Fiscal Ye	ar 07											Fiscal Y	ear 08						
		0011	DDD.W	ILITID																										
М		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0'	7								Calen	dar Yea	r 08				
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
1	FY 07	CG	0.43	0.00	0.43													0.04	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.00
2 FY 07 CG														0.01	0.01	0.01	0.01	0.06												
1	FY 07	NS	2.54	0.00	2.54													0.22	0.21	0.21	0.21	0.21	0.22	0.21	0.21	0.21	0.21	0.21	0.21	0.00
														1.10																
																													$\overline{}$	
1 FY 07 NS 2.54 0.00 2.54																														
Γοι	al		39.07		39.07													0.58	0.55	0.54	0.55	0.55	3.34	3.30	3.31	3.18	3.18	3.28	3.29	13.42
101						0	N	D	J	F	M	Α	M	J	J	A	S	0	N	D	J		M	A		J	J	A	S	
									A N				A Y	U N		U G	E P		O V							U N	U L	U G	E P	
M								PRODU	CTION	RATES						A	DMIN L	EAD T	IME		MFR		TOTA	J.	REMA	RKS				ı
F											Reache	d MF	R				or 1 Oct	1	· 1 Oct	Aft	er 1 Oct		After 1							
R			Nan	ne - Locati	on		1	MIN	1-8-5	MAX	D+	1		ial			6	1	4		9		13							
1	ALLIA	NT TE	CH (LCA	AAP), IND	EPENDE	ENCE, N	ИΟ		5.99	20.77			Re	order			6		4		9		13							
2		Name - Location MIN 1-8-5 MAX D+ ANT TECH (LCAAP), INDEPENDENCE, MO 5.99 20.77 ERAL DYNAMICS ORD & TAC, ST. 1.13 2.83															6		9		9		18							
	PETER	PRODUCTION RATES Reached MFR															6		9		9		18							
		PRODUCTION RATES																												
	-										1		Re	order																
							+	+				-	Ini	ial																
	1		Name - Location																											
												-	Ini	ial																
													Re	order				1		ĺ		1			l					

		·	FY 09 /	10 BU	DGET	r PRO	DUC	TIO	N SCI	HEDU	LE			1 ITEM N									Dat	te:						
													C'	TG CAL .	.50 4 BA	ALL/1	TRACE	R W/M9	LINK ((E07200)				Februa	ry 2007				
	C	OST	ELEN	IENTS	,]	Fiscal Year	. 09											Fiscal Y	Year 10	١					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE								C	alendar Y	Year 09									Cale	ndar Ye	ar 10				
F R	FY	R V	x1Mil		AS OF	O C	N O	D E	J A	F E	M A A	•	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 U	S E	Later
					1 001	T	V	С	N	В	R F	₹ .	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	Luter
_		1	E, PACK								1															1	1			
	FY 07 S	A	1.25	1.25	0.51	0.11	0.10	0.10	0.10	0.10																				0.00
	FY 07 S	A	0.53	0.53	0.21	0.05	0.04	0.04	0.04	0.04																				0.00
	FY 07 IX	A	18.20	18.20	7.70	1.60	1.50	1.50	1.50	1.60																				0.00
	FY 07 IX	A	7.78	7.78																			0.00							
1	FY 07	A	3.35	3.35																				0.00						
2	FY 07	A	1.44	1.44	0.60																			0.00						
1	FY 07	AF	0.38	0.38																										0.00
2	FY 07	AF	0.39	0.39	0.16	0.04	0.03	0.03	0.03	0.03																				0.00
						O C T	N O V	D E C	J A N	F E B	M A F	•	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							F	PRODU	CTION I	RATES						A	DMIN L	EAD TI	IME		MFR		TOTA	AL	REMA	RKS				
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1	 	ALLIANT TECH (LCAAP), INDEPENDENCE, MO 5.99 20.77										2	Reor			<u> </u>	6	1	4		9	_	13		4					
2		GENERAL DYNAMICS ORD & TAC, ST. PETERSBERG 1.13 2.83											Initia				6	1	9		9		18		-					
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		F	Y 09 /	10 BU	DGET	Γ PR(ODUC	CTIO	N SCI	HEDU	ILE							R W/M	9 LINK	(E07200))		Dat	te:	Februa	ry 2007				
S																														
M														Calenda	r Year 0	9	I							Cale	ndar Ye	ar 10			-	
	FY					C	О	E	A	E	A	P	A	U	U	U	E	C	О	E	A	E	A	P	A	J U N	J U I.	A U G	S E P	Later
1	CIG CAL So 4 BALL TRACER WAP LINK (197200) February 2007																													
_	Crocal Color February 2007 February 2007																													
_	FY 07 CG																													
_	FY OF CG 0.43 0.43 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45																													
	CTG CAL S0 4 BALL TRACER W.09 LINK (E07200) February 2007																													
Correct Final Name Final																														
COST ELEMENTS Signal Section Section																														
Total 3907 39.07 13.42 2.86 2.62 2.60 2.62 2.72																														
Γot	al		39.07	39.07	13.42	2.86	2.62	2.60	2.62	2.72																				
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	FY O7 NS 224 234																													
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Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army					P-1	Item Nomencle Ctg, Cal .50	ature 0, Sniper, XM1022 (I	E96130)			
Program Elements for Code B Items:		Code:		Other Rel	lated Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					1676						1676
Gross Cost					5.5						5.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					5.5						5.5
Initial Spares											
Total Proc Cost					5.5						5.5
Flyaway U/C											
Weapon System Proc U/C											
Description:	•		•	•			•	•	•		

The Caliber .50 Long Range Sniper Ammunition (XM1022) is designed to provide a low-cost training cartridge with precision accuracy at ranges up to a maximum of 1000 meters. The XM1022 is similar to a ball round (does not have a jacket/core like the traditional M33 Ball round), but has a patented 2-piece design consisting of a brass rear sabot and a light alloy core. It is built for accuracy and improved barrel life. The XM1022 will have the same external measurements as the current family of Caliber .50 ammunition and will fit in the magazine used with M107 Long-Range Sniper Rifle (LRSR) or the current Barrett .50 Caliber M82A1 Sniper Rifle. This item is Code B, not approved for service use.

Justification:

This is a training standard item used in both training and combat. The FY 2007 Supplemental (\$5.0 million) procures an additional 1.624 million cartridges in support of unforecasted ammunition requirements for the Global War on Terror (GWOT). This requirement supports predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION (TC) DATE: Second Quarter, FY07

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Am	munitio				6130)		Weapon Syste	em Type:	Date:	February 2007
	ID		FY 05			FY 06			FY 07	
S	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
								160	52	3.0
								160	0	
								362	2	
								362	2	
								5000	1624	3.0
								5522	2	
										3.2
	Procurement of Ammunition, Army / 1 / Am	Procurement of Ammunition, Army / 1 / Ammunition	Procurement of Ammunition, Army / 1 / Ammunition Ctg, C ID CD Total Cost	Procurement of Ammunition, Army / 1 / Ammunition Ctg, Cal .50, Snip ID FY 05 CD Total Cost Qty	Procurement of Ammunition, Army / 1 / Ammunition	Procurement of Ammunition, Army / 1 / Ammunition	Procurement of Ammunition, Army / 1 / Ammunition	Procurement of Ammunition, Army / 1 / Ammunition	Procurement of Ammunition, Army / 1 / Ammunition Ctg, Cal .50, Sniper, XM1022 (E96130)	Procurement of Ammunition, Army / 1 / Ammunition Ctg, Cal .50, Sniper, XM1022 (E96130) FY 05 FY 06 FY 07

Exhibit P-5a, Budget Procureme	nt History and Planning							Oate: Tebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: Sniper, XM1022 (E96130)							
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 Issue Date
FY07 BASE APPROPRIATION FY 2007	ALLIANT TECH (LCAAP) INDEPENDENCE, MO	SS/Option	Picatinny Arsenal, NJ	Mar 07	Sep 07	52	3.08	N		
FY07 MAIN SUPPLEMENTAL REQUEST FY 2007 Supp	ALLIANT TECH (LCAAP) INDEPENDENCE, MO	SS/Option	Picatinny Arsenal, NJ	Jun 07	Dec 07	1624	3.08	N		

		F	Y 07 /	08 BU	DGET	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEI Ctg, Cal				6130)					Dat		Februar	ry 2007				
,	C	OST	ELEM	IENTS	}						Fiscal Y	Year 07	,										Fiscal Y	ear 08						
			ppod	+ GGED	Dir				1					~																
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year ()7								Calen	dar Yea	ar 08				
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, Asse	nble, Pa	ack (LAP)																										
	FY 07 S	A	52	0	1624									A						135	135	135	135	135	135	135	135	135	135	274
1	FY 07	A	52	0	52						A						52													0
-																														
Tota	al		104		1676												52			135	135	135	135	135	135	135	135	135	135	274
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	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 1	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL.	REMA	RKS				1
F											Reac	hed M	FR			Pri	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R				ne - Locati				MIN	1-8-5	MAX	D-	+	1 In	itial			3		6		6		12							
1	ALLIA	NT TE	CH (LCA	AAP), IND	EPENDE	ENCE, N	ИΟ	50	100	200			R	eorder			0		9		6		15							
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		I	FY 09 /	10 BU	DGE	T PRO	ODUC	CTIO	N SCI	HEDU	JLE			P-1 ITE Ctg, Cal	M NOM			96130)					Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS	}						Fiscal '	Year 09)	•									Fiscal Y	Year 10	1					
- 1		S	PROC	ACCEP	BAL				1					Calenda	or Vear (10								Cale	ndar Ye	ar 10				
M		Е	QTY	PRIOR	DUE					1						1	1		1	ı			1	1		1	Т	1	П	
F R	FY	R V	x1000	TO 1 OCT	AS OF 1 OCT		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	Later
Loa	d, Asse	nble, P	ack (LAP)																										
	FY 07 S	A	52	52	274	135	139																							0
1	FY 07	A	52	52																										0
Tot	al		104	104	274	-	139																							
						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				ı
F											Reac	hed N	IFR			Pri	or 1 Oct	Afte	r 1 Oct	Af	ter 1 Oct		After 1	Oct						
R			Nam	ne - Locati	on		N	MIN	1-8-5	MAX	D	+	1 I	nitial			3		6		6		12							
1	ALLIA	ANT TE	ECH (LCA	AAP), IND	EPEND	ENCE, I	MO	50	100	200			I	Reorder			0		9		6		15							
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Exhibit P-40, Budget Item	Justification	Sheet								Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army					P-	1 Item Non		ture 50 SLAP M903 (SL	APT M962) (F880	00)		
Program Elements for Code B Items:		Code:		Other F	Related Program	n Elements:	:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 20	08	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					175	3						1753
Gross Cost					21.	8						21.8
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc P1					21.	8						21.8
Initial Spares												
Total Proc Cost					21.	8						21.8
Flyaway U/C												
Weapon System Proc U/C				•			•					

This ammunition is linked four Saboted Light Armor Penetrator (SLAP), M903 cartridge to one M962 SLAP Tracer (SLAP-T) cartridge for use in the M2 Heavy Barrel Machine Gun. The M903 SLAP 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 item is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$10.0 million) procures an additional 847 thousand cartridges for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: MARCH 1993

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / And	mmunitio			menclature: AP M903 (SLAF	PT M962) (F8800	0)	Weapon Syste	m Type:	Date:	February 2007
AMMO		ID	1	FY 05			FY 06	•		FY 07	
Cost Elemen	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY07 BASE APPROPRIATION											
AMMUNITION HARDWARE											
Load, Assemble, Pack (LAP)		Α							10700	980	11.32
SubTotal AMMO Hardware									10700	0	
PRODUCTION SUPPORT COSTS											
Production Engineering									837	7	
Acceptance Testing									270	0	
Sub Total Production Support									1107	7	
FY07 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
Load Assembly, Pack (LAP)									10000	847	11.81
Sub Total AMMO Hardware									10000	0	
Total:									21807	7	11.93

Exhibit P-5a, Budget Procureme	ent History a	nd Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Wea	npon System Type:		Nomenclature: SLAP M903 (SLAPT M962)	(F88000)			•			
WBS Cost Elements:	Con	tractor 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
FY07 BASE APPROPRIATION FY 2007	Olin East Alton, IL		SS/FP	Picatinny Arsenal, NJ	Dec 06	Jun 07	980	11.32	Y		Oct 0
FY07 MAIN SUPPLEMENTAL REQUEST FY 2007	Olin East Alton, IL		SS/Option	Picatinny Arsenal, NJ	Jun 07	Nov 07	847	11.81	Y		Mar 0

REMARKS: FY07 Supplemental hardware price increase due to Tungsten raw material price adjustment.

		F	Y 07 /	08 BU	DGE	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN CTG CA				PT M96	62) (F880	000)			Da	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS							Fiscal '	Year 07	7										Fiscal Y	Year 08	3					
		C	PROC	ACCED	DAI				1					G.1. 1	X 7 0	<u> </u>					T			G.1	1 37					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year (17								Cale	ndar Ye	ar 08				
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
Loa	d, Asseı	nble, Pa	ack (LAP)																										
	FY 07 S	A	980	0	847									A					200	200	200	200	47							0
_	FY 07	Α	980	0	906			A						200	200	200	200	106												0
	1 1 0,																													
-																												\vdash		
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•																														
Tota	al		1960		1753									200	200	200	200	106	200	200	200	200	47							
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	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							1	PRODU	ICTION	RATES						А	DMIN I	EAD T	IME		MFR		TOT	AL	REMA		1 :4	1 .		. 11
F												hed M	IFR			Prio	or 1 Oct	After	r 1 Oct	Af	ter 1 Oct		After 1	Oct	Packed	ty is sna l CAL .5	rea with 0 SLAP	producti -T (E999	ion of E 906.)	ulk
R				ne - Locati	on			MIN	1-8-5	MAX	D	+	1 I	nitial			7		3		6		9							
1	Olin, E	East Alto	on, IL					50	100	200				Reorder			0		9		5		14		4					
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														Reorder											-					
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													-	Reorder											-					
														nitial		+		1							-					
													-	Reorder				1		 					1					

Exhibit P-40, Budget Iter	n Justification	Sheet						Date:	February 2007	
Appropriation / Budget Activity / So Procurement of Ammunition, Arm	erial No:			P-1	Item Nomencla CTG, 20MN	ature M, ALL TYPES (E08	3900)			
Program Elements for Code B Items	:	Code:		Related Program	Elements:					
	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				49.3						49.3
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				49.3						49.3
Initial Spares										
Total Proc Cost				49.3						49.3
Flyaway U/C										
Weapon System Proc U/C										
Description: This budget line includes 20MM AL				•			•	•		

FY 2007 Base Appropriation \$ 0.1 million FY 2007 Title IX (Bridge) Appropriation \$ 11.1 million FY 2007 Main Supplemental Request \$ 38.1 million FY 2007 Total \$ 49.3 million

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ar	nmuniti		Line Item No G, 20MM, AI	omenclature: LL TYPES (E0890	00)		Weapon System	m Type:	Date:	February 2007
AMMO		ID		FY 05			FY 06			FY 07	
Cost Elemen	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG 20MM MPT-SD M940									49301	1680	29.35
Total:									49301		29.35
		•								•	

Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /					P-1	Item Nomencle CTG 20MN	ature M MPT-SD M940 w/	MK7 Link (E0890	9)		
Program Elements for Code B Items:		Code:	L	Other R	Related Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					1680						1680
Gross Cost					49.3						49.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					49.3						49.3
Initial Spares											
Total Proc Cost					49.3						49.3
Flyaway U/C											
Weapon System Proc U/C											
Danamindiana											

The 20mm M940 Multipurpose Trace - Self Destroying (MP-T-SD) cartridge is an improved, fuzeless pyrotechnic initiated 20mm high explosive cartridge. The projectile consists of a heavy walled steel body charged with an explosive mix and an incendiary mix. The projectile has safe and arming, tracer, and self-destroying features. It is effective against light armor at 1,000 meters and against airborne and light surface targets at 2,000 meters. The projectile self destructs at 2,300 meters, minimizing collateral surface damage when engaging airborne targets. The M940 replaced the M246 High Explosive Incendiary-Tracer, Self Destroying (HEI-T-SD) as the primary air defense cartridge. It will be used for training and qualifying the Counter Rocket, Artillery and Mortar (C-RAM) System, an air defense system using a trailer-mounted Phalanx gun to defeat incoming rocket, mortar and artillery rounds in fight. This item is Code A; approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$38.1 million) procures 1.323 million cartridges for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

Type Classification Date: 1989

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No Procurement of Ammunition, Army / 1	: / Ammuniti			menclature: Γ-SD M940 w/M	K7 Link (E08909))	Weapon Syste	em Type:	Date:	February 2007
AMMO		ID		FY 05			FY 06			FY 07	
Cost Elemen	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 Base Appropriation											
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING									101	1	
PROD SUPPORT SUBTOTAL									101	1	
FY 2007 Title IX (Bridge) Appropriation											
AMMUNITION HARDWARE											
COMPLETE ROUND									10273	357	28.80
H/W SUBTOTAL									10273	3	
SUB TOTAL AMMO HARDWARE									48373	3	
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING									794	1	
QUALITY ASSURANCE									33	3	
PROD SUPPORT SUBTOTAL									827	7	
FY 2007 Main Supplemental Request											
COMPLETE ROUND									38100	1323	28.80
H/W SUBTOTAL									38100)	
Total:									49301	1	29.3

Exhibit P-5a, Budget Procureme	ent History and Planning							Oate: February	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:	P-1 Line Item CTG 20MM N	Nomenclature: MPT-SD M940 w/MK7 Link	(E08909)						
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 2007 Title IX (Bridge) Appropriation										
COMPLETE ROUND										
FY 2007	ALLIANT TECH (TCAAP) PLYMOUTH, MN	C/OPTION	ROCK ISLAND, IL	Jun 07	Jun 08	143	28.80	Y		
FY 2007	GENERAL DYNAMICS ST PETERSBURG, FL	C/OPTION	ROCK ISLAND, IL	Jun 07	Jun 08	214	28.80	Y		
FY 2007 Main Supplemental Request										
COMPLETE ROUND										
FY 2007	ALLIANT TECH (TCAAP) PLYMOUTH, MN	C/OPTION	ROCK ISLAND, IL	Jun 07	Jun 08	529	28.80	Y		
FY 2007	GENERAL DYNAMICS ST PETERSBURG, FL	C/OPTION	ROCK ISLAND, IL	Jun 07	Jun 08	794	28.80	Y		

		F	FY 07 /	08 BU	DGET	PRO	ODUC	CTIO	N SCI	HEDU	LE				NOMEN M MPT-		TURE 940 w/M	K7 Link	(E0890	19)			Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS						I	iscal Yea	r 07	l		-								Fiscal Y	Year 08						
<u> </u>		S	PROC	ACCEP	BAL								Calo	endar Y	Year 07	7								Cale	ndar Ye	ar 08				
M F	FY	E R	QTY x1Mil	PRIOR TO	DUE AS OF	0	N	D	J	F				J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	
R		V		1 OCT	1 OCT	C T	O V	E C	A N	E B		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	Later
CO	MPLET	E ROU																												
	FY 07 S	A	0.79	0.00	0.79									A												0.08	0.08	0.08	0.08	0.47
	FY 07 S	A	0.53	0.00	0.53									A												0.08	0.08	0.08	0.08	0.21
	FY 07 IX	A	0.14	0.00	0.14									A												0.08	0.06			0.00
2	FY 07 IX	A	0.21	0.00	0.21									A												0.08	0.08	0.05		0.00
	IA									-			_		\rightarrow															
															\rightarrow															
																													l	
Tot	al		1.67		1.67																					0.32	0.30	0.21	0.16	0.68
						O C T	N O V	D E C	J A N	F E B	A	P	A	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	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							1	PRODU	JCTION :	RATES						A	DMIN L	EAD T	IME		MFR		TOTA	AL	REMA	RKS				
F											Reached	MFR				Pric	or 1 Oct	After	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
R			Nam	e - Locati	on		N	MIN	1-8-5	MAX	D+	1	Initial				6		6		12		18							
1	GENE	RAL D	YNAMIC	S, ST PE	TERSBU	RG, FL			0.08	0.21			Reorde	r			0		9		12		21							
2	ALLIA	NT TE	CH (TCA	AAP), PLY	MOUTH	I, MN			0.06	0.18		2	Initial				6		6		12		18							
													Reorde	r			0		9		12		21							
												_	Initial																	
													Reorde	r						t					1					
										<u> </u>		1	Initial												1					
	1												Reorde	r											1					
													Initial												1					
	†											1	Reorde	r											1					

		F	Y 09 /	10 BU	DGET	PRO	DUC	TIO	N SCI	IEDU	LE	-		-1 ITEM N TG 20MM				K7 Link	(E0890	9)			Dat	e:	Februai	ry 2007				
	C		ET EM	IENTS							Fiscal Yea	r 09					1		(====	- /			Fiscal V	Year 10						
			الالخالطة																											
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE								С	Calendar Y	ear 09									Caler	ndar Yea	ar 10				
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 I	>	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	Later
CO	MPLET	E ROUN	ND		l						1					L	i_	!					<u> </u>	ļ	!					<u>I</u>
	FY 07 S	A	0.79	0.32	0.47	0.08	0.08	0.08	0.08	0.08	0.07																			0.00
	-	A	0.53	0.32	0.21	0.08	0.08	0.05							+															0.00
		A	0.14	0.14								+			+															0.00
2		A	0.21	0.21											+															0.00
	IX	 													_									<u> </u>		<u> </u>				
															二															
Γot	al	Ь—	1.67	0.99	0.68	0.16	0.16	0.13	0.08	0.08	0.07																			
					I	O C	N	D	J	F	M A		M		J	A U	S E	0	N	D	J	F	M	A	M	J U	J U	A U	S E	
						T	O V	E C	A N	E B	A I	2	A Y			G	P P	C T	O V	E C	A N	E B	A R	P R	A Y	N N	L	G	P P	
											ı																			
M							P	?RODU	CTION I	RATES	D it it	MED				—	OMIN L				MFR		TOTA		REMA	RKS				
F R			Nam	e - Locatio	on		N	MIN	1-8-5	MAX	Reached D+	MFR 1	Initia	 al		1	f 1 Oct	-	1 Oct	Alt	er 1 Oct 12		After 1		-					
1	GENE	RAL DY		S, ST PET		RG, FL			0.08	0.21		1	Reor			1	0	-	9		12		21		1					
2	ALLIA	NT TE	CH (TCA	AAP), PLY	MOUTH	I, MN			0.06	0.18		2	Initia	al			6	(6		12		18]					
							_						Reor				0	9	9		12		21		_					
							$-\!$	\dashv		 		-	Initia			├									4					
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													Initia	al]					
		· <u></u>								1			Reor	der																

Exhibit P-40, Budget Item	Justification	Sheet						Date:	February 2007	
Appropriation / Budget Activity / Ser. Procurement of Ammunition, Army	ial No: / 1 / Ammunition			P-1	Item Nomencla CTG, 25MN	nture M, ALL TYPES (E08	3200)			
Program Elements for Code B Items:		Code:	Other 1	Related Program	Elements:					
	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				47.0						47
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				47.0						47
Initial Spares										
Total Proc Cost				47.0						47.
Flyaway U/C										
Weapon System Proc U/C										
Description: This budget line includes 25MM ALL FY 2007 Base Appropriation FY 2007 Title IX (Bridge) Appropriat FY 2007 Main Supplemental Request FY 2007 Total	\$ 32.0 n ion \$ 0.0 r	nillion nillion								

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ar	nmuniti				menclature: LL TYPES (E0820	00)		Weapon System	m Type:	Date:	February 2007
AMMO		ID		I	FY 05			FY 06			FY 07	
Cost Element	ts	CD	Total C	Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	0	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG 25MM TP-T M793										16364	1039	15.75
CTG 25MM TPDS-T M910										14999	739	20.30
CTG 25MM HEI-T M792										14597	7 290	0.05
CTG 25MM M794 DUMMY										1000	25	0.04
Total:										46960	0	

Exhibit P-40, Budget Item	.Justification	Sheet					I	Date:		
									February 2007	
Appropriation / Budget Activity / Ser Procurement of Ammunition, Army				P-1	Item Nomencla CTG 25MM	nture 1 HEI-T M792 (E082	201)			
Program Elements for Code B Items:		Code:		Related Program l	Elements:					
	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				290						290
Gross Cost				14.6						14.6
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				14.6						14.6
Initial Spares										
Total Proc Cost				14.6						14.6
Flyaway U/C										
Weapon System Proc U/C										
The 25mm M792 is a High Explosive and the USMC LAV-25. The M792 charge. This item is Code A, approve Justification: This is a war reserve item. Procurem thousand cartridges for the Global W.	provides lethality a ed for service use. ent builds a war re	gainst structure	es and vehicles.	The defeat mech	anism of the M	792 is an explose als. The FY 200	sively loaded, na of Supplementa	aturally fragmen	nting warhead wit	h incendiary
TYPE CLASSIFICATION DATE: 1	980									

Exhibit P-5, Weapon AMMO Cost Analysis	appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Amr	munitio			menclature: -T M792 (E08201	1)		Weapon Syste	m Type:	ate:	February 2007
AMMO		ID	_	FY 05			FY 06	•		FY 07	
Cost Elements		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 Base Appropriation											
PRODUCTION SUPPORT COSTS											
Production Engineering									597		
SubTotal Production Support									597		
FY 2007 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
Load, Assemble, & Pack									13242	290	49.1
PA 125 Containers									454	10	45.8
Pallets									191		824.0
SubTotal AMMO Hardware									13887		
PRODUCTION SUPPORT COSTS											
Production Engineering									113		
SubTotal Production Support									113		
Total:									14597		53.7

Exhibit P-5a, Budget Procureme	nt History and Planning							Oate: ebruary	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	RFF Issue Date
FY 2007 MAIN SUPPLEMENTAL REQUEST										
AMMUNITION HARDWARE										
Load, Assemble, & Pack										
FY 2007	ALLIANT TECHSYSTEMS INC MESA, AZ	C/OPTION	Picatinny Arsenal, NJ	Jun 07	Apr 08	290	49.16	Y		
PA 125 Containers										
FY 2007	CONCO INC LOUISVILLE, KY	C/OPTION	Rock Island Arsenal, IL	Jun 07	Mar 08	10	45.89	Y		
Pallets										
FY 2007	CHOCTAW MFG HUGO, OK	SS/FP	Picatinny Arsenal, NJ	Jun 07	Mar 08		824.00	Y		

		F	Y 07 /	08 BU	DGE	ΓPRO	ODU	CTIO	N SCI	HEDU	LE			P-1 ITEN CTG 25N				1)					Dat	te:	Februar	ry 2007				
	C	OST	ELEM	IENTS							Fiscal	Year 07	,										Fiscal Y	Year 08						
		-	PDOG	1 GGED	Dir				1					~							Ι									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year ()7								Calei	ndar Yea	ar 08				
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, Asse	mble, &	Pack				1		1						•				l i					•						
	FY 07	A	290	0	290									A										24	24	24	24	24	24	146
	S																									$\vdash \vdash$				
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Tota	al	I	290		290																			24	24	24	24	24	24	146
			1	ı		O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
							l								l		<u> </u>							l						
M								PRODU	JCTION :	RATES						Α	DMIN L	EAD T	IME		MFR		TOTA	AL	REMA	RKS				
F											Read	hed M	FR			Pri	or 1 Oct	After	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
R				ne - Locati]	MIN	1-8-5	MAX	D	+	1 In	tial			0		0		0		0							
1	ALLIA	ANT TE	CHSYST	TEMS INC	C, MESA	, AZ		80	240	720			Re	order			0		9		10		19							
													-	tial											_					
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													_	tial				1							4					
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	-													order				1		-					-					
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		F	Y 09 /	10 BU	DGE	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITE CTG 25				01)					Dat	te:	Februa	ry 2007				
	C	OST I	ELEM	IENTS	}						Fiscal Y	Year 09)	•									Fiscal Y	Year 10	١					
		S	PROC	ACCEP	BAL									Calenda	w Voor (NO.					1			Color	ndar Ye	on 10				
M		E	QTY	PRIOR	DUE									Calenda	ir rear (1						Cale	ildar 1e	ar 10				
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, Asser	nble, &	Pack																											
	FY 07 S	A	290	144	146	24	24	24	24	24	26																			0
														-																
To	tal		290	144	146	24	24	24	24	24	26																			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M							1	PRODU	CTION	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA	RKS				'
F												hed M	IFR			Prie	or 1 Oct		r 1 Oct	Af	ter 1 Oct		After 1	Oct						
R				ne - Locati				MIN	1-8-5	MAX	D-	+		itial			0		0		0		0							
1	ALLIA	NTTE	CHSYST	EMS INC	C, MESA,	, AZ		80	240	720	-		_	eorder			0		9		10		19		-					
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	+										+			eorder itial								-			4					
	+							-			+-			eorder											1					
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Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /					P-1	Item Nomencla CTG 25MN	ature 1 DUMMY M794 (I	E08209)			
Program Elements for Code B Items:		Code:	(Other Related Pro	gram	Elements:					
	Prior Years	FY 2005	FY 2	006 FY 200)7	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					25						25
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											
Danadadian				•							

The M̄794 Cartridge is a training aide for the Bushmaster Gun on the Bradley Fighting Vehicle. It is identical in external size and shape and similar in mass to the M̄793 TP-T and the M̄792 HEI-T cartridges. Unlike the ammunition which it simulates, it is fully inert and can not be fired from the Bushmaster Gun. The last procurement of M̄794 is unknown, but is estimated to have occurred in the early 1990s. The FY 2007 effort will initiate the solicitation, selection and qualification of an industrial source for this reprocurement. A deliverable quantity of approximately 25,000 rounds is estimated. This procurement will replenish the Army inventory.

Justification:

This is a training unique item not used in combat. The FY 2007 Supplemental (\$1.0 million) procures an additional 25 thousand cartridges in support of unforecast requirements for the Global War on Terrorism (GWOT). This requirement supports predeployment training for units preparing for combat operations.

Exhibit P-5, Weapon AMMO Cost Analysis App Pro	propriation/Budget Activity/Serial No: pocurement of Ammunition, Army / 1 / Ammu	unitio			menclature: MMY M794 (E08	3209)		Weapon System	m Type:	Date:	February 2007
AMMO	I	ID		FY 05			FY 06			FY 07	
Cost Elements		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
AMMUNITION HARDWARE											
Load, Assemble, and Pack									900	0 25	36
PA 125 Containers									45	5 1	
SubTotal AMMO Hardware									94	5	
Production Support Costs											
Production Engineering										5	
SubTotal Prod. Support										5	
COST - Nonrecurring											
First Article Testing									50	0	
SubTotal COST - Nonrecurring									50	0	
Total:									1000	0	40

Exhibit P-5a, Budget Procureme	ent History and Planning							Oate: Tebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: DUMMY M794 (E08209)							
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	RF Issu Da
Load, Assemble, and Pack FY 2007	TBD	C/FP	Rock Island, IL	Jul 07	Oct 08	25	36	Y		
PA 125 Containers FY 2007	CONCO INC Louisville, KY	C/Option	Rock Island, IL	Jul 07	Oct 08	1		Y		

		F	FY 09 /	10 BU	DGE	ΓPRO	ODU	CTIO	N SCI	HEDU	JLE			P-1 ITE CTG 25				8209)					Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS	}						Fiscal '	Year 09)	•									Fiscal Y	Year 10)					
		S	PROC	ACCEP	BAL									Calenda	ır Year ()9								Cale	ndar Ye	ar 10				
M		E	QTY	PRIOR	DUE					_			T	1						_		-			1					4
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
Loa	ad, Asseı	nble, ar	nd Pack																											
	FY 07 S	A	25	0	25	25																								0
Tot	al		25		25	25																								
						O C 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	
							•		II.						•				•	•			•		•		·		l	1
M								PRODU	JCTION :	RATES						A	DMIN I	LEAD T	IME		MFR		TOTA	AL.	REMA	RKS				1
F											Reac	hed M	FR			Pric	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		10		15		25							
1	TBD							10	25	40			R	eorder			3		5		9		14							
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Exhibit P-40, Budget Item	Justification	Sheet						Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /				P-	1 Item Nomencla CTG, 30M	ature M, ALL TYPES (ER	8120)			
Program Elements for Code B Items:		Code:	Othe	r Related Prograr	n Elements:					
	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				59.	4					59.4
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				59.	4					59.4
Initial Spares										
Total Proc Cost				59.	4					59.4
Flyaway U/C										
Weapon System Proc U/C										
D 1.41							•			

Description: This budget line includes 30MM ALL TYPES.

FY 2007 Base Appropriation- \$ 19.4 million FY 2007 Title IX (Bridge)Appropriation- \$ 0.0 million FY 2007 Main Supplemental Request- \$ 40.0 million FY 2007 Total- \$ 59.4 million

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ar	mmuniti			omenclature: LL TYPES (ER812	20)		Weapon System	m Type:	Date:	February 2007
AMMO		ID		FY 05			FY 06			FY 07	
Cost Element	cs ·	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG 30MM TP M788									18322	1011	18.12
CTG 30MM HEDP M789									41031	575	71.35
Total:									59353	3	

Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /				F	P-1 Item Non		are HEDP M789 (E099	900)		Teoruary 2007	
Program Elements for Code B Items:		Code:		r Related Progra	m Elements:						
	Prior Years	FY 2005	FY 2006	FY 2007	FY 20	08	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				5'	75						575
Gross Cost				41	.0						41.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				41	.0						41.0
Initial Spares											
Total Proc Cost				41	.0						41.0
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:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$40.0 million) procures 575 thousand cartridges for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 1962

Exhibit P-5, Weapon AMMO Cost Analysis Appropriation/Budg Procurement of Ar	et Activity/Serial No: mmunition, Army / 1 / Ammunition			menclature: DP M789 (E09900))		Weapon Syste	m Type:	Date:	February 2007
AMMO	ID	•	FY 05			FY 06	•		FY 07	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION										
PRODUCTION SUPPORT COSTS										
PRODUCTION ENGINEERING								1031		
PROD SUPPORT SUBTOTAL								1031	-	
FY 2007 MAIN SUPPLEMENTAL REQUEST										
LAP, ASSEMBLE, PACK (LAP)								39997	575	69.60
* PBXN 5 TYPE II CLASS 3 (LB)								815	38	21.29
* PBXN-5 TYPE I CLASS 3 (LB)								20		57.40
RDX TYPE II CLASS 7 (LB)								3	;	10.95
H/W SUBTOTAL								40835	;	
NON-RECURRING COSTS										
GOVERNMENT FURNISHED MATERIAL								-835		
NON-RECURRING SUBTOTAL								-835	;	
Total:								41031		71.35

Exhibit P-5a, Budget Procureme	ent History and Planning							Oate: ebruary	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	RFI Issu Dat
FY 2007 MAIN SUPPLEMENTAL REQUEST										
LAP, ASSEMBLE, PACK (LAP)										
FY 2007	ALLIANT TECH SYS, INC. PLYMOUTH, MN	C/OPTION	ROCK ISLAND, IL	Jun 07	Jun 08	575	69.60			
* PBXN 5 TYPE II CLASS 3 (LB)										
FY 2007	STOCK ISSUE	N/A		N/A	N/A					
* PBXN-5 TYPE I CLASS 3 (LB)										
FY 2007	STOCK ISSUE	N/A		N/A	N/A					
RDX TYPE II CLASS 7 (LB)										
FY 2007	HOLSTON DEFENSE CORP (HSAAP) KINGSPORT, TN	SS/FP	ROCK ISLAND, IL	Jun 07	Feb 08		10.95			

REMARKS: * GOVERNMENT FURNISHED MATERIAL

		F	Y 07 /	08 BU	DGE	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN CTG 30N				0)					Dat	te:	Februa	ary 2007				
	C	OST	ELEM	IENTS							Fiscal Y	ear 07	,	-									Fiscal Y	Year 08						
•		S	PROC	ACCEP					$\overline{\mathbf{I}}$					Calenda	r Year (7								Cale	ndar Ye	ar 08				
M		E	QTY	PRIOR	DUE		T		 											-		_								
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	U L	A U G	S E P	Later
LA	P, ASSE	MBLE	, PACK (I	LAP)																										
	FY 07 S	A	0.57	0.00	0.57									A												0.08	0.08	0.08	0.08	0.25
		\vdash								\vdash				+														$\vdash \vdash \vdash$		
			+				-	+	+					+																
			<u> </u>				<u> </u>	<u> </u>	<u> </u>						<u> </u>											<u> </u>	<u> </u>			
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		+-	+				 	+	+					+-																
T. 1	1		0.57		0.57			┼		\vdash				+												0.08	0.08	0.08	0.08	0.25
Tot	al		0.37		0.57	0	N.		\perp	F							C	-	N	D	J	F				J			S	0.23
						C T	N O V	D E C	J A N	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	A N	E B	M A R	A P R	M A Y	U N	J U L	A U G	E P	
M								PRODU	JCTION I	RATES						Α	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA	RKS				
F												ed M	FR			Pric	or 1 Oct	-	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R				ne - Locati				MIN	1-8-5	MAX	D+		_	nitial			6	+	12		12		24							
1	ALLIA	ANT TE	ECH SYS,	, INC., PL	YMOUT	H, MN		50.00	240.00	720.00				leorder			0		9		12		21							
										<u> </u>			Iı	nitial																
										<u> </u>				leorder																
										<u> </u>			_	nitial																
	1						$-\!$			<u> </u>		_		leorder											4					
	1						$-\!$			<u> </u>		_	-	nitial											-					
	1									<u> </u>		_		leorder											4					
	1						$-\!$			<u> </u>			_	nitial											4					
													R	leorder																

		F	Y 09 /	10 BU	DGET	r PR(ODUC	CTIO	N SCI	HEDU	LE			I ITEM I))					Dat	e:	Februa	ry 2007				
	C	OST I	ELEM	ENTS]	Fiscal Year	r 09	ı										Fiscal Y	ear 10						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE								Ca	lendar \	Year 09									Caler	ıdar Ye	ar 10				
F R	FY	R V	x1Mil	ТО	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B			M A Y	J U N	J U	A U G	S E P	O C T	N O V	D E C	J A	F E B	M A R	A P R	M A Y	J U N	J U	A U G	S E P	Later
LA	P. ASSE	MBLE.	PACK (I	LAP)		1	v	C	N	В	R F		Y	N	L	G	Р	1	v	C	N	В	K	K	Y	N	L	G	Р	
1	FY 07	A	0.57	0.32	0.25	0.08	0.08	0.09																						0.00
	S																													
		\vdash																											\vdash	
																													\vdash	
																													\vdash	
Го	tal		0.57	0.32	0.25	0.08	0.08	0.09																						
						O C T	N O V	D E C	J A N	F E B	M A I R	>	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	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							- ,	BBODU	CTION	DATES						l ai	OMIN L	E A D. TI	IME	,	MFR		TOTA	A T	REMA	DVC				
F							-	RODU	CHOI	I	Reached	MFR					r 1 Oct		1 Oct		er 1 Oct		After 1		KLIVII	KKS				
R			Nam	e - Locatio	on		N	MIN	1-8-5	MAX	D+	1	Initial	[-	6		12		12		24							
1	ALLIA	NT TE	CH SYS,	INC., PL	YMOUTI	H, MN	5	50.00	240.00	720.00			Reord	ler			0		9		12		21							
													Initial																	
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Exhibit P-40, Budget Item	Justification	Sheet						Date:	E-1 2007	
Appropriation / Budget Activity / Ser				P-1	Item Nomencla	nture			February 2007	
Procurement of Ammunition, Army	/ 1 / Ammunition				CTG, 40MN	M, ALL TYPES (ER	8001)			
Program Elements for Code B Items:		Code:	Other	Related Program	Elements:					
	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				294.1						294.1
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				294.1						294.1
Initial Spares										
Total Proc Cost				294.1						294.1
Flyaway U/C										
Weapon System Proc U/C										
Description: This budget line includes 40MM ALL	TYPES.		•	•		•	•	•		

FY 2007 Base Appropriation
FY 2007 Title IX (Bridge) Appropriation
FY 2007 Main Supplemental Request
FY 2007 Total

\$ 128.9 million
\$ 0.0 million
\$ 165.2 million
\$ 294.1 million

Exhibit P-5, Weapon AMMO Cost Analysis Appropria Procure	ation/Budget Activity/Serial No: ement of Ammunition, Army / 1 / Ammunition			menclature: L TYPES (ER80	01)		Weapon Syste	m Type:	Date:	February 2007
AMMO	ID		FY 05			FY 06			FY 07	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG 40MM HEDP M430 F/MK19 MG								56232	2 1496	37.59
CTG 40MM WHITE STAR PARA M583								15895	5 350	45.41
CTG 40MM PRACTICE M385A1								7132	2 445	16.02
CTG 40MM TP M918 LINKED F/MK 19MG								134513	5 4355	30.88
CTG 40MM PRACTICE M781								1281:	5 2922	4.39
CTG 40MM HEDP M433								10000	0 174	57.47
CTG 40MM MK281 PRACTICE LINKED FOR MK19								40000	0 1620	24.69
CTG 40MM INFRARED ILLUM M992								2500	0 16	156.25
CTG 40MM CANNISTER M1001								10000	0 125	80.00
CTG 40MM TP M918 MIXED BELT F/MK19 MG								5000	0 207	24.15
Total:								294089	9	

Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seri- Procurement of Ammunition, Army					P-1	Item Nomencla CTG 40MN	ature M HEDP M430 F/MF	X19 MG (E11800)			
Program Elements for Code B Items:		Code:		Other R	elated Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					1496						1496
Gross Cost					56.2						56.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					56.2						56.2
Initial Spares											
Total Proc Cost					56.2						56.2
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:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$50.00 million) procures an additional 1.363 million cartridges for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 1971

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ar	nmuniti			menclature: OP M430 F/MK19	9 MG (E11800)		Weapon Syste	m Type:	Date:	February 2007
AMMO		ID		FY 05			FY 06			FY 07	
Cost Element	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
COMPLETE ROUND									4881	133	36.69
H/W SUBTOTAL									4881		
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING									596	5	
QUALITY ASSURANCE									5	i	
PROD SUPPORT SUBTOTAL									601		
NON-RECURRING COSTS											
ENGINEERING INITIATIVES/IMPROVEMENTS									750)	
NON-RECURRING SUBTOTAL									750)	
FY 2007 MAIN SUPPLEMENTAL REQUEST											
COMPLETE ROUND									50000	1363	36.69
H/W SUBTOTAL									50000		
Total:									56232		37.59

Exhibit P-5a, Budget Procureme	ent History and Planning							Oate: ebruary	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	RFF Issue Date
FY 2007 BASE APPROPRIATION										
COMPLETE ROUND										
FY 2007	AMTEC Corp Janesville, WI	C/OPTION	ROCK ISLAND, IL	Mar 07	Jul 08	73	36.69	Y		
FY 2007	DSE Inc, (Balimoy) Tampa, FL	C/OPTION	ROCK ISLAND, IL	Mar 07	Jul 08	60	36.69	Y		
FY 2007 MAIN SUPPLEMENTAL REQUEST										
COMPLETE ROUND										
FY 2007	AMTEC Corp Janesville, WI	C/OPTION	ROCK ISLAND, IL	Jun 07	Nov 08	750	36.69	Y		
FY 2007	DSE Inc, (Balimoy) Tampa, FL	C/OPTION	ROCK ISLAND, IL	Jun 07	Nov 08	613	36.69	Y		

REMARKS: NOTE: THIS IS AN AVERAGE UNIT COST FOR MULTIPLE PRODUCERS.

		F	FY 07 /	08 BU	DGET	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN CTG 40N				9 MG (1	E11800)				Dat	te:	Februa	ry 2007				
	CO	OST	ELEM	IENTS	}]	Fiscal Y	ear 07	1										Fiscal Y	Year 08	1					
		_	T	l	1				1											-										
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	17								Cale	ndar Ye	ar 08				
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
COMI	PLETI	E ROU	ND					•	•															•						
1 FY	7 07	A	0.75	0.00	0.75									A																0.75
2 FY	7 07	A	0.61	0.00	0.61									A													\vdash	$\vdash \vdash \vdash$		0.61
S	. 07																													
	7 07	A	0.07	0.00							A																0.03		0.04	0.00
2 FY		A	0.06	0.00							A																0.03	<u> </u>	0.03	0.00
1 FY		MC	0.41	0.00							A			<u> </u>														0.20	0.21	0.00
2 FY		MC	0.33	0.00	0.33						A																0.02	0.20	0.13	0.00
	7 07	SOF		0.00							A			+	-													$\vdash \vdash$	\vdash	
1 FY	7 07	SOF	0.02	0.00	0.02						A			+													0.02	$\vdash \vdash \vdash$	$\vdash \vdash \vdash$	0.00
														+														$\vdash \vdash$	\vdash	
Total			2.27		2.27																						0.10	0.40	0.41	1.36
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
											1																			
M								PRODU	JCTION :	RATES	ļ						DMIN I			4	MFR		TOTA		REMA	RKS				
F			None				١,	MINI	105	MAY	Reach D+	ned M		1		Prio	or 1 Oct	+	r 1 Oct	Aft	er 1 Oct		After 1		-					
R 1 A	MTE	C Corn	, Janesvil	ne - Locati	on			MIN 269.00	1-8-5 320.00	MAX 500.00	D+		-	itial			0	+	9		19		25							
			imoy), Ta					269.00	320.00	500.00		-	_	eorder itial			6	-	6		17 19		26		-					
2 1	JOE III	ic, (Dai	iiioy), 10	impa, i L	NA, I'L								-	eorder			0	-	9		17		26		-					
														itial			-				17		20	'	-					
-													-	eorder											1					
														itial											1					
													Re	eorder											1					
													In	itial																
													Re	eorder											1					

		F	FY 09 /	10 BU	DGET	Γ PR(ODUC	CTIO	N SCI	HEDU:	LE				M NOME MM HED			9 MG (1	E11800)	ı			Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS	}]	Fiscal Y	Year 09	l										Fiscal Y	Year 10	1					
		I _	1	T	T				1																					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	9								Cale	ndar Ye	ar 10				
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
CON	IPLET	E ROU	ND	ı	L	ı				l l									ı	ı			ı	ı						
	Y 07	A	0.75	0.00	0.75		0.38	0.37																						0.00
	Y 07	A	0.61	0.00	0.61		0.31	0.30						1												 	 	 	 	0.00
5	S																												<u> </u>	
_	FY 07	A	0.07	0.07																							<u> </u>		<u> </u>	0.00
	Y 07	A	0.06																								<u> </u>		<u> </u>	0.00
	FY 07	MC	0.41	0.41																							 	<u> </u>	 	0.00
_	FY 07 FY 07	MC SOF	0.02																								<u> </u>	<u> </u>	 	0.00
_	Y 07	SOF	0.02																										\vdash	0.00
	107	501																												
Tota	1		2.27	0.91	1.36		0.69	0.67																			<u> </u>	-	 	
Tota	1		2,27	0.71	1.50	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							I	PRODU	CTION	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL.	REMA	RKS				
F											Reacl	hed M	FR			Pric	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R			Nan	ne - Locati	on		N	ΛIN	1-8-5	MAX	D+	+	1 Ini	tial			6		6		19		25							
			o, Janesvi					69.00	320.00	500.00				order			0		9		17		26							
2	DSE I	nc, (Bal	limoy), Ta	ampa, FL			20	69.00	320.00	500.00			2 Ini				6		6		19		25		1					
										_	_	order			0		9		17		26		_							
													_	tial																
														order tial											1					
													_	order											1					
									Ini												1									
									1		Re	order		1				1					1							

Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army					P-1	Item Nomencla CTG 40MN	ature M PRACTICE M385.	A1 (E12502)			
Program Elements for Code B Items:		Code:		Other F	Related Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					445						445
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											
D 1.11											

The 40mm M385A1 Cartridge is a fixed round of ammunition consisting of a 1-piece solid aluminum projectile body with copper rotating band used in the MK19 Grenade Machine Gun weapon system. The cartridge case is a bi-chambered aluminum cylinder with vents connecting the chambers. The propellant chamber is sealed with a base plug. A percussion primer (FED 215) is crimped into the center of the base plug. This item is Code A, approved for service use.

Justification:

This is a training unique item not used in combat. Procurement supports annual training and builds a depot level in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$5.0 million) procures an additional 322 thousand cartridges in support of unforecasted ammunition requirements for the Global War on Terror (GWOT). This requirement supports predeployment training for units preparing for combat operations.

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Am	nmunitio		ine Item No 40MM PRA	menclature: CTICE M385A1	(E12502)		Weapon Syste	em Type:	ate:	February 2007
AMMO		ID	•	FY 05			FY 06	•		FY 07	
Cost Element	s	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
AMMUNITION HARDWARE											
LOAD, ASSEMBLE, PACK (LAP)									1312	123	10.66
PROJ M385									598	127	4.70
SUB TOTAL AMMO HARDWARE									1910		
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING									220		
QUALITY ASSURANCE									2		
SUB TOTAL PRODUCTION SUPPORT									222		
NON-RECURRING COSTS											
ENGINEERING INITIATIVES/IMPROVEMENTS											
SUB TOTAL NON-RECURRING											
FY 2007 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
LOAD, ASSEMBLE, PACK (LAP)									3435	322	10.66
PROJ M385									1565	333	4.70
SUB TOTAL AMMO HARDWARE									5000		
Total:									7132		16.02

Exhibit P-5a, Budget Procureme	ent History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: PRACTICE M385A1 (E1250	2)						
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 2007 BASE APPROPRIATION										
LOAD, ASSEMBLE, PACK (LAP)										
FY 2007	AMTEC Corp. Janesville, WI	C/OPTION	ROCK ISLAND, IL	Mar 07	Jan 09	123	10.66	Y		
PROJ M385										
FY 2007	AVASAR Corp Perry, FL	C/OPTION	ROCK ISLAND, IL	Mar 07	Mar 08	127	4.70	Y		
FY 2007 MAIN SUPPLEMENTAL REQUEST										
LOAD, ASSEMBLE, PACK (LAP)										
FY 2007	AMTEC Corp. Janesville, WI	C/OPTION	ROCK ISLAND, IL	Jun 07	Apr 09	322	10.66	Y		
PROJ M385										
FY 2007	AVASAR Corp Perry, FL	C/OPTION	ROCK ISLAND, IL	Jun 07	Feb 09	333	4.70	Y		

		F	Y 09 /	10 BU	DGET	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITE CTG 40				l (E1250	02)				Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS							Fiscal '	Year 09)										Fiscal Y	Year 10	ı					
			nn						1																					
М		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year ()9								Cale	ndar Ye	ar 10				
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)																										
	FY 07 S	A	322	0	322							322																		0
	FY 07	A	123	0	123				123																					0
	FY 07	AF	128	0	128				128																					0
																													<u> </u>	
																													<u> </u>	
																													<u> </u>	
																													—	
																														
																														
																														
Tot	o.1		573		573				251			322																		
100	aı		373		313	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	ICTION I	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA	RKS				- 1
F											Reac	hed M	FR			Prio	or 1 Oct	Afte	r 1 Oct	Af	ter 1 Oct		After 1	Oct						
R			Nam	ne - Locati	on		1	MIN	1-8-5	MAX		_	_	itial			6		7		20		27							
1	AMTE	C Corp	., Janesvi	lle, WI				140	270	540			_	eorder			0		9		22		31							
													In	itial																
													R	eorder																
													In	itial																
													R	eorder											1					
													In	itial											1					
													R	eorder																
									In	itial																				
													R	eorder																

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Exhibit P-21 Production Schedule

Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /	l No:				P-1	I Item Nomencl CTG 40M	lature M HEDP M433 (E12	601)			
Program Elements for Code B Items:		Code:		Other R	Related Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					174						174
Gross Cost					10.0						10.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					10.0	,					10.0
Initial Spares											
Total Proc Cost					10.0	,					10.0
Flyaway U/C											
Weapon System Proc U/C											
Description:											

The 40mm M433 cartridge is a dual-purpose, impact type round designed to penetrate lightly armored targets and perform an anti-personnel mission. Upon impact, the detonator triggers the spit-back shaped charge and produces a jet blast that detonates the high explosive bursting charge. Detonation of the bursting charge forms an armor-piercing jet of molten metal and fragmentation of the projectile body. This item is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$10.0 million) procures 174 thousand cartridges for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

Exhibit P-5, Weapon AMMO Cost Analysis Appropriate Proprietaria	ropriation/Budget Activity/Serial No: ocurement of Ammunition, Army / 1 / Ammun	ition			menclature: OP M433 (E12601	1)		Weapon Syste	m Type:	Date:	February 2007
AMMO	ID		F	Y 05			FY 06			FY 07	
Cost Elements	CD	Total	Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$00	00 x	1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 MAIN SUPPLEMENTAL REQUEST]
AMMUNITION HARDWARE											1
COMPLETE ROUND									8097	174	46.42
SUB TOTAL AMMO HARDWARE									8097		1
PRODUCTION SUPPORT COSTS											1
PRODUCTION ENGINEERING									387		1
QUALITY INSURANCE									16		1
SUB TOTAL PRODUCTION SUPPORT									403		1
NON-RECURRING COSTS											1
PRODUCT IMPROVEMENT									1500		İ
NON-RECURRING SUBTOTAL									1500		İ
•											1
Total:									10000		57.47

Exhibit P-5a, Budget Procureme	ent History and Planning							Oate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: HEDP M433 (E12601)				·			
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFI Issu Date
FY 2007 MAIN SUPPLEMENTAL REQUEST										
COMPLETE ROUND										
FY 2007	AMTEC CORP JANESVILLE, WI	C/OPTION	ROCK ISLAND, IL	Jun 07	Nov 08	96	46.42	Y		
FY 2007	DSE INC, (BALIMOY) TAMPA, FL	C/OPTION	ROCK ISLAND, IL	Jun 07	Nov 08	78	46.42	Y		

REMARKS: This is an average unit cost for multiple producers.

		F	FY 09 /	10 BU	DGE	ΓPRO	ODUC	TIO	N SCI	HEDU	LE				M NOME MM HEI			1)					Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS	}						Fiscal Y	Year 09)										Fiscal Y	Year 10						
		S	PROC	ACCEP	BAL				1					Colondo	ır Year 0	10								Color	ndar Ye	on 10				
M		E	QTY	PRIOR	DUE			•						Calenda	ir rear o							•		Calei	idar 1e	ar 10				
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
CC	MPLET	E ROU	ND																											
2	FY 07 S	A	96	0	96		44	44	8																					0
1	FY 07	A	78	0	78		36	36	6																					0
-	S																													
То	tal		174		174		80	80	14																					
				l		0	N	D	J	F	M	A P	M	J	J U	A U	S E	O C	N O	D	J	F E	М	A P	M	J U	J U	A U	S E	
						C T	O V	E C	A N	E B	A R	R	A Y	U N	L	G	P P	T	v	E C	A N	B	A R	R	A Y	N N	L	G	P P	
M							I	PRODU	CTION	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA	RKS				1
F											Reac	hed M	FR			Prio	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R			Nam	ne - Locati	on		N	MIN	1-8-5	MAX	D-	+	1 In	itial			6		6		19		25							
1	DSE I	NC, (BA	ALIMOY), TAMPA	A, FL			200	274	685			Re	eorder			0		9		17		26							
2	AMTE	C COR	P, JANE	SVILLE, V	WI		:	200	274	685			2 In	itial			6		6		19		25							
													Re	eorder			0		9		17		26							
													In	itial																
													Re	eorder											1					
	1												_	itial				1												
											Re	eorder											1							
	Initial								itial																					
1	1									I	1		R	eorder		1		1		1					1					

Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army					P-1	Item Nomencle CTG 40MN	ature M TP M918 LINKED	F/MK19 MG (E7	1100)		
Program Elements for Code B Items:		Code:		Other R	Related Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					4355						4355
Gross Cost					134.5						134.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					134.5						134.5
Initial Spares											
Total Proc Cost					134.5						134.5
Flyaway U/C											
Weapon System Proc U/C											

The 40mm M918 Target Practice (TP) cartridge for the MK19 Machine Gun is a high velocity training projectile with realistic signature effects providing sufficient flash, smoke, and sound upon impact to be seen/heard out to 1200 meters. In addition to providing audible/visual signature for day or night firing, the TP for MK19 gun will minimize hazards to troops in the training area. This item is Code A, approved for service use.

Justification:

This is a training unique item not used in combat. Procurement supports annual training and builds a depot level in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$42.7 million) procures an additional 1.431 million cartridges in support of unforecasted ammunition requirements for the Global War on Terror (GWOT). This requirement supports predeployment training for units preparing for combat operations.

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial N Procurement of Ammunition, Army /	o: 1 / Ammunit		Line Item No 3 40MM TP I		/MK19 MG (E71	100)	Weapon Syste	em Type:	Date:	February 2007
AMMO		ID		FY 05			FY 06	•		FY 07	
Cost Element	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
AMMUNITION HARDWARE											
LOAD, ASSEMBLE, PACK									36154	2924	12.30
PROJ ASSY									51082	3012	16.9
H/W SUBTOTAL									87236	5	
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING									2965	5	
QUALITY ASSURANCE									13	:	
PROD SUPPORT SUBTOTAL									2978	3	
NON-RECURRING COSTS											
ENGINEERING INITIATIVES/IMPROVEMENTS									1601		
NON-RECURRING SUBTOTAL									1601		
FY 2007 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
LOAD, ASSEMBLY, PACK (LAP)									17697	1431	0.0
PROJ ASSY									25003	1474	0.02
SUB TOTAL AMMO HARDWARE									42700		
Total:									134515		29.8

Exhibit P-5a, Budget Procureme	nt History and	l Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon	System Type:	P-1 Line Item CTG 40MM T	Nomenclature: P M918 LINKED F/MK19 M	G (E71100)						
WBS Cost Elements:	Contract	tor 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 2007 BASE APPROPRIATION											
LOAD, ASSEMBLE, PACK											
FY 2007	AMTEC CORP JANESVILLE, W	I	C/OPTION	ROCK ISLAND, IL	Mar 07	Sep 07	1618	12.36	Y		
FY 2007	DSE Inc, (Balimoy Tampa, FL	y)	C/OPTION	ROCK ISLAND, IL	Mar 07	Sep 07	1306	12.36	Y		
PROJ ASSY											
FY 2007	AMTEC CORP JANESVILLE, WI	I	C/OPTION	ROCK ISLAND, IL	Mar 07	Jul 07	1656	16.96	Y		
FY 2007	DSE Inc, (Balimoy Tampa, FL	y)	C/OPTION	ROCK ISLAND, IL	Mar 07	Jul 07	1355	16.96	Y		
FY 2007 MAIN SUPPLEMENTAL REQUEST											
LOAD, ASSEMBLY, PACK (LAP)											
FY 2007	AMTEC CORP JANESVILLE, WI	I	C/OPTION	ROCK ISLAND, IL	Jun 07	Nov 08	787	12.36	Y		
FY 2007	DSE Inc, (Balimoy Tampa, FL	y)	C/OPTION	ROCK ISLAND, IL	Jun 07	Nov 08	644	12.36	Y		
PROJ ASSY											
FY 2007	AMTEC CORP JANESVILLE, WI	I	C/OPTION	ROCK ISLAND, IL	Jun 07	Sep 08	811	16.96	Y		
FY 2007	DSE Inc, (Balimoy Tampa, FL	y)	C/OPTION	ROCK ISLAND, IL	Jun 07	Sep 08	663	16.96	Y		

REMARKS: NOTE: THIS IS AN AVERAGE UNIT COST FOR MULTIPLE PRODUCERS.

		F	Y 06 /	07 BU	DGET	PR(ODUC	CTIO	N SCI	HEDU	LE				I NOME IM TP M			/MK19	MG (E7	71100)			Dat	e:	Februa	ry 2007				
	CO	OST 1	ELEM	IENTS]	Fiscal Yea	r 06	•										Fiscal Y	ear 07						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE								('alenda	r Year 00	6								Caler	ndar Ye	ar 07				
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	A	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	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
LOAL	, ASS	SEMBL	E, PACK				ı			I		I			I		1				·									I
LOAD	, ASS	SEMBL	E, PACK																											
2 FY	7 07	A	0.64	0.00	0.64																					A				0.64
1 FY S	7 07	A	0.79	0.00	0.79																					A				0.79
1 FY	7 07	A	1.62	0.00	1.62																		A						0.13	1.49
2 FY	7 07	A	1.31	0.00	1.31																		A						0.11	1.20
1 FY	7 07	AF	0.04	0.04																									<u> </u>	0.00
2 FY	7 07	AF	0.03	0.03																									<u> </u>	0.00
2 FY	7 07	SOF	0.04	0.04																									<u> </u>	0.00
1 FY	7 07	SOF	0.04	0.04																									<u> </u>	0.00
			<u> </u>																									<u> </u>	-	
Total			4.51	0.15	4.36																								0.24	4.12
Total			1.0.1	0.13	1.50	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	2
						C T	O V	E C	A N	E B	A	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	
							ļ						1							1										
M								PRODU	ICTION 1	RATES	<u>.</u>						DMIN L	1		4	MFR		TOTA		REMA	RKS				
F									105	3.6.37	Reached		+			Pric	or 1 Oct	-	r 1 Oct	Aft	er 1 Oct		After 1		-					
R	MEE	C COD		e - Locati				MIN 269.00	1-8-5 320.00	MAX 500.00	D+	1	Initi				6	+	6		19		25		_					
				SVILLE, V	WI			269.00	320.00	500.00	1	_	Reo				0	+	9		17		26		_					
2 L	SE In	ic, (Bali	imoy), Ta	ımpa, FL			-	.09.00	320.00	300.00		2	Initi				6	+	6		19		25		-					
													Reo				0		9		17		26		_					
											1	-	Initi												-					
-											+	+	Reo												1					
											-	-	Initi							1					1					
\vdash											+	\vdash	Reo					-		-					-					
-											1	1	Initi												1					

		F	FY 08 /	09 BU	DGET	r PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEM CTG 40M				MK19	MG (E	71100)			Dat	e:	Februar	y 2007				
	C	OST	ELEM	IENTS							Fiscal Y	Year 08											Fiscal Y	Zear 09						
			1	ı					ı																					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calendar	Year 0	8								Caler	ıdar Yea	ır 09				
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
LOA	D, ASS	SEMBL	E, PACK				•	•											•	•				•						
2 F		A	0.64	0.00	0.64														0.11	0.11	0.11	0.11	0.11	0.09						0.00
S	Y 07	A	0.79	0.00	0.79														0.13	0.13	0.13	0.13	0.13	0.13	0.01		 	-	 	0.00
S		A																											1	
1 F	Y 07	A	1.62	0.13	1.49	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.15	0.15														0.00
2 F		A	1.31	0.11		0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.10											<u> </u>		<u> </u>	0.00
	Y 07	AF	0.04	0.04																							<u> </u>		<u> </u>	0.00
2 F		AF	0.03	0.03																									<u> </u>	0.00
_	Y 07	SOF	0.04	0.04																							<u> </u>		<u> </u>	0.00
1 F	Y 07	SOF	0.04	0.04																								<u> </u>	—	0.00
-																													\vdash	
Total			4.51	0.39	4.12	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.25	0.25	0.26	0.25			0.24	0.24	0.24	0.24	0.24	0.22	0.01					
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
								l		1				1	•				l						1					
M							-	PRODU	CTION	RATES	١, ,						DMIN L			1	MFR		TOTA		REMA	RKS				
F R			Non	ne - Locati	on		,	MIN	1-8-5	MAX	Reaci D-	hed MI	_	d-1		Pri	or 1 Oct	+	r 1 Oct	Aft	er 1 Oct		After 1		_					
	ΔМТЕ	C COR		SVILLE, V				269.00	320.00	500.00	D	<u>+</u> 1		order			0	+	9		19 17		25 26							
			imoy), Ta		***			269.00	320.00	500.00		2	_				6	+	6		19	-	25		_					
Ť		ie, (Dui												order			0		9		17		26							
													Ini												_					
													Re	order											_					
													Ini	tial											1					
													Re	order																
													Ini	tial																
													Re	order						1					1					

Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army					P-1 I	tem Nomencla CTG, 40MM		CE, LINKED FOR	MK19 GMG (E7110	·	
Program Elements for Code B Items:		Code:	(Other Related Prog	ram E	Elements:					
	Prior Years	FY 2005	FY 20	006 FY 2007	7	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				1	620						1620
Gross Cost				2	10.0						40.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				2	10.0						40.0
Initial Spares											
Total Proc Cost				4	10.0						40.0
Flyaway U/C											
Weapon System Proc U/C								_			

The MK281 40mm Target Practice Cartridge is a non-dud producing training cartridge for use with the MK19 Grenade Machine Gun weapon system. The projectile consists of a steel body containing a finely-granulated, high-visibility, yellow-orange powder dye to provide an indication of impact for training purposes. These cartridges are linked together in 32 round belts. This is a new start for the Army; USMC is the configuration manager. This item is Code A, approved for service use.

Justification:

This is a training unique item not used in combat. Procurement supports annual training and builds a depot level in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$40.0 million) procures 1.620 million cartridges in support of unforecasted ammunition requirements for the Global War on Terror (GWOT). This requirement supports predeployment training for units preparing for combat operations.

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / An	nmunitio				, LINKED FOR N	MK19 GMG	Weapon Syste	m Type:	Date:	February 2007
AMMO		ID		FY 05			FY 06			FY 07	
Cost Element	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 MAIN SUPPLEMENTAL REQUEST]
AMMUNITION HARDWARE											1
Complete Round									3887	4 1620	24.00
SubTotal AMMO Hardware									3887	4	1
PRODUCTION SUPPORT COSTS											1
Production Engineering									720	6	1
SubTotal Production Support									720	6	1
NON-RECURRING COST											İ
Engineering Initiatives / Improvements									400	0	İ
SubTotal Non-Recurring Costs									400	0	İ
											1
Total:									4000	0	24.69

Exhibit P-5a, Budget Procuremen	t History and Planning							Date: February	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: MK281 PRACTICE, LINKED	FOR MK19 G	MG (E71103)			_		
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2007 MAIN SUPPLEMENTAL REQUEST										
Complete Round		aa m		1 07	D 07	1.020	24.00			
FY 2007	NICO PYROTECHNIK TRITTAU, GERMANY	SS/FP	QUANTICO, VA	Jun 07	Dec 07	1620	24.00	Y		

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Cor	nplete F	Round		•		•	•		•					•																
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M								PRODU	JCTION :	RATES						Α	DMIN L	LEAD T	IME		MFR		TOTA	AL.	REMA	.RKS				
F											Reac	hed N	1FR			Pri	or 1 Oct	Afte	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
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1	NICO	PYRO	TECHNIK	K, TRITTA	AU, GER	RMANY		75	135	200			-	Reorder			3		9		6		15							
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	C	OST	ELEN	1ENTS	5						Fiscal '	Year 0)										Fiscal Y	Year 10	١					
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M		S E	PROC QTY	ACCEP PRIOR										Calenda	ar Year	09								Cale	ndar Ye	ar 10				
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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	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								PRODI	JCTION	RATES							ADMIN I	LEAD T	TME		MFR		TOTA	AI.	REMA	RKS				
F							-				Reac	hed N	IFR				or 1 Oct	_	r 1 Oct	4	ter 1 Oct	t I	After 1							
R			Nan	ne - Locati	ion			MIN	1-8-5	MAX		_		nitial			3	-	6		6		12							
1	NICO	PYRO	TECHNII	K, TRITTA	AU, GE	RMANY		75	135	200			-	eorder			3		9		6		15							
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Exhibit P-40, Budget Item	Justification	Sheet						Date:	February 2007	
Appropriation / Budget Activity / Seri Procurement of Ammunition, Army				I	P-1 Item Nomenc CTG 40M	lature M INFRARED ILLU	M, M992 (E84500)			
Program Elements for Code B Items:		Code:	Oti	her Related Progra	am Elements:					
	Prior Years	FY 2005	FY 200	6 FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					16					16
Gross Cost				2	2.5					2.5
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				2	2.5					2.5
Initial Spares										
Total Proc Cost				2	2.5					2.5
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 one-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:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$2.5 million) procures 16 thousand cartridges for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Arm	nmunitio		Line Item No G 40MM INF		, M992 (E84500)		Weapon Syste	m Type:	Date:	February 2007
AMMO		ID		FY 05			FY 06	•	1	FY 07	
Cost Element	S	CD	Total Cos	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
Complete Round									239	0 16	151.10
SubTotal AMMO Hardware									239	0	
PRODUCTION SUPPORT COSTS											
Production Engineering									110	O	
SubTotal Production Support									11	0	
Total:									250	0	156.2

Exhibit P-5a, Budget Procureme	nt History and Planning							Oate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: NFRARED ILLUM, M992 (E	(84500)						
WBS Cost Elements:	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 2007 MAIN SUPPLEMENTAL REQUEST										
AMMUNITION HARDWARE										
Complete Round										
FY 2007	ATK THIOKOL CORRINE, UT	SS/FP	PICATINNY ARSENAL, NJ	Jun 07	Dec 07	16	151.16	Y		

		F	'Y 07 /	08 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	JLE			P-1 ITE CTG 40				I, M992	(E84500))			Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS	}						Fiscal	Year 0'	7										Fiscal Y	Year 08	1					
	l	S	PROC	ACCEP	BAL									Calenda	w Voor (7								Color	ndar Ye	on 00				
M		E	QTY	PRIOR	DUE					1				Calenda	ir rear (1	1		1				Cale	ildar 1e	ar uo			•	
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																												
	FY 07 S	A	16	0	16									A						10	6									0
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To	tal		16		16			<u> </u>												10	6									
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M								PRODU	JCTION	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA	RKS				
F											Read	ched N	IFR			Pric	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R				ne - Locati			1	MIN	1-8-5	MAX	D	+	1 In	itial			3		9		6		15							
1	ATK T	THIOK	DL, CORI	RINE, UT				5	10	20			_	eorder			3		9		6		15							
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Exhibit P-40, Budget Item	Justification	Sheet					I	Date:	E-1 2007	
Appropriation / Budget Activity / Seria	al No:			P_1	Item Nomencla	ature			February 2007	
Procurement of Ammunition, Army				1-1		MM CANISTER M1	001 (F00900)			
Program Elements for Code B Items:		Code:		Related Program	Elements:					
	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				125						125
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 40mm M1001 Canister round is fit counter the threat of ground forces that ball powder as an expulsion charge that Justification: This is a war reserve item. Procurement thousand cartridges for the Global War	t would disrupt re it expels 113 heat- nt builds a war re	ar area operation- treated steel floor	ons, destroy consechettes to the	mmand and contro target. This item i with the Army's p	I facilities, oper s Code A, appr	rations, airfields oved for service als. The FY 200	, and special we use. 7 Supplemental	eapons and stora	ge sites. The pro	ojectile uses
Type Classification Date: March 2001										

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ar	nmuniti			menclature: CANISTER M100	1 (F00900)		Weapon Syste	m Type:	Date:	February 2007
AMMO		ID		FY 05			FY 06			FY 07	
Cost Elemen	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
Complete Round		A							9513	125	76.10
SubTotal AMMO Hardware									9513	3	
PRODUCTION SUPPORT COSTS											
Production Engineering									487	7	
SubTotal Production Support									487	7	
Total:									10000)	80.00

Exhibit P-5a, Budget Procureme	nt History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: M CANISTER M1001 (F0090	0)						
WBS Cost Elements:	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 2007 MAIN SUPPLEMENTAL REQUEST										
AMMUNITION HARDWARE										
Complete Round										
FY 2007 Supp	General Dynamics OTS MARION, IL	SS/FP	PICATINNY ARSENAL, NJ	Jun 07	Mar 08	125	76.10	Y		

		F	FY 07 /	08 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	JLE			P-1 ITEN				01 (F00	900)				Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS	}						Fiscal	Year 07	,	· I									Fiscal Y	Year 08						
			T	I	1				1																					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year ()7								Caler	ıdar Ye	ar 08				
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	nplete F	ound				1	v	C	IN	Б	K	K	1	IN	L	G	r	1	V	C	N	Б	K	K	1	IN	L	G	r	
_	FY 07		125	0	125									A									20	20	20	20	20	25		0
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Tot	al		125		125			_						-	-						_	-	20	20	20	20	20	25		
						O C 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	
M								PRODU	ICTION 1	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA	4L	REMA	RKS				1
F											Reac	hed M	FR			Pri	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R			Nam	ne - Locati	on		1	MIN	1-8-5	MAX	D	+	1 I1	nitial			3		6		9		15							
1	Gener	al Dyna	mics OTS	, MARIO	N, IL			7	20	30			R	eorder			0		9		9		18							
													Iı	nitial																
													R	eorder																
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Item No. 8 Page 33 of 33 53

Exhibit P-21 Production Schedule

Exhibit P-40, Budget Item Ju	ıstification	Sheet					ļ	Date:	February 2007	
Appropriation / Budget Activity / Serial N Procurement of Ammunition, Army / 1 /				P-1	Item Nomencla Ctg, Tank, 1	ature 120mm Tactical, All	Types (E78012)			
Program Elements for Code B Items:		Code:	Other	Related Program	Elements:					
!	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					1			1		
Gross Cost				61.6						61.6
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				61.6						61.6
Initial Spares										
Total Proc Cost				61.6						61.6
Flyaway U/C										
Weapon System Proc U/C										

FY 2007 Base Appropriation - \$ 53.6 million FY 2007 Title IX (Bridge) Appropriation - \$ 0.0 million FY 2007 Main Supplemental Request - \$ 8.0 million FY 2007 Total - \$ 61.6 million

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ar	nmuniti			omenclature: m Tactical, All Ty	rpes (E78012)		Weapon System	m Type:	Date:	February 2007
AMMO		ID		FY 05			FY 06			FY 07	
Cost Elements	s	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
							x1000	\$	\$000	x1000	\$
Cartridge, 120mm APFSDS-T M829A3									46955	8	6153.00
Cartridge, 120mm Canister, M1028									14683	5	1772.00
Total:									61638	3	

Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army	al No: /1/Ammunition				P-1	Item Nomencla Cartridge, 1	ature 20mm, Canister, M1	028 (E78011)			
Program Elements for Code B Items:		Code:		Other R	elated Program	Elements:					
	Prior Years	FY 2005	FY 2	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					9						9
Gross Cost					14.7						14.7
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					14.7						14.7
Initial Spares											
Total Proc Cost					14.7						14.7
Flyaway U/C											
Weapon System Proc U/C											

The M1028 Canister is a muzzle action anti-personnel tank cartridge. This cartridge is fired from the 120mm main gun of the M1A1/M1A2 Abrams tank and is effective at ranges less than 700 meters. The baseline design utilizes a payload of approximately 1100 tungsten balls that are expelled from the projectile casing upon muzzle exit, similar to a shotgun shell. Unlike previous anti-personnel cartridges, the M1028 does not have a fuze; it is intended to be a low-cost, low-technology cartridge. The M1028 uses a combustible cartridge case and propulsion-ignition system common to the current 120mm tank ammunition. This item is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. FY 2007 supports engineering efforts in support of production. The FY 2007 supplemental (\$8.0 million) procures five thousand cartridges in support of unforecasted ammunition requirements for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION: December 2004

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Am	munitio			menclature: n, Canister, M102	28 (E78011)		Weapon Syste	em Type: D	ate:	February 2007
AMMO		ID	•	FY 05			FY 06		1	FY 07	
Cost Element	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
AMMUNITION HARDWARE											
Complete Round									5850	4	1560
SubTotal Production Support									5850		
PRODUCTION SUPPORT COSTS											
Production Engineering									833		
SubTotal Production Support									833		
FY 2007 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
Complete Round									7800	5	156
SubTotal AMMO Hardware									7800		
PRODUCTION SUPPORT COSTS											
Acceptance Testing									200		
SubTotal Production Support									200		
Total:									14683		177

Exhibit P-5a, Budget Procureme	nt History and Planning							oate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: Omm, Canister, M1028 (E7801	1)						
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
FY 2007 BASE APPROPRIATION										
FY 2007	General Dynamics Ord & Tac St Petersburg, FL	C/OPTION	Picatinny Arsenal, NJ	Dec 06	Dec 07	4	1560	Y		
FY 2007 MAIN SUPPLEMENTAL REQUEST										
FY 2007	General Dynamics Ord & Tac St Petersburg, FL	C/OPTION	Picatinny Arsenal, NJ	Jun 07	Jun 08	5	1560	Y		

		I	FY 07 /	08 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	JLE				M NOM ge, 120mi			28 (E78	011)				Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS	}						Fiscal	Year 0'	7										Fiscal Y	Year 08	1					
		I ~							ı												1									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ar Year (07								Cale	ndar Ye	ar 08				
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	N 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
	nplete F	lound																												
	FY 07 S	A	5	0	5									A	L											5				0
	FY 07	A	4	0	4			A												4										0
	FY 07	MC	2	0	2																					2				0
													-																	
													-																	
Tot	al	Į.	11		11															4						7				
			•		•	O C T	N O V	D E C	J A N	F E B	M A R	A P R	N A	A 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	CTION	RATES						Α	DMIN I	LEAD T	TME		MFR		TOTA	AL	REMA	RKS				1
F												hed N	1FR			Pri	or 1 Oct	Afte	r 1 Oct	Af	ter 1 Oct		After 1	Oct						
R				ne - Locati			1	MIN	1-8-5	MAX	D	+	1	Initial			3	-	15		6		21							
1	Gener	al Dyna	mics Ord	& Tac, St	Petersbu	rg, FL		1	2	7				Reorder			3		9		12		21							
														Initial											-					
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							+						F	Initial Reorder						1		-			1					
							-	+				\dashv		Initial											1					
													F	Reorder											1					
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											1		F	Reorder											1					

Exhibit P-40, Budget Item	Justification	Sheet						Date:	February 2007	
Appropriation / Budget Activity / Seri Procurement of Ammunition, Army /				P-	1 Item Nomencla Modular A	ature rtillery Charge Syster	m (MACS), All Ty _l	pes (E27501)		
Program Elements for Code B Items:		Code:	Other	r Related Progran	n Elements:					
	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				93.6	5					93.6
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				93.6	5					93.6
Initial Spares										
Total Proc Cost				93.6	5					93.6
Flyaway U/C										
Weapon System Proc U/C										
Description:										

This budget line item funds MACS, All Types.

Justification:

FY07 Base Appropriation - \$73,588 FY07 Bridge (Title IX) Appropriation - \$ 0 FY07 Main Supplemental Request - \$20,000 FY07 Total - \$93,588

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ar	nmuniti	on P-1 Moo	Line Item No Iular Artillery		MACS), All Type	s (E27501)	Weapon Syste	m Type:	Date:	February 2007
AMMO		ID		FY 05			FY 06			FY 07	
Cost Element	cs ·	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
	Cost Elements				\$	\$000	x1000	\$	\$000	x1000	\$
E27502 MACS M231									36154	405	
ER8021 MACS M232									57434	480	
Total:									93588	3	120

Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army					P-1	Item Nomencla MODULAI		ARGE SYSTEM (!	MACS), M232 (ER80	·	
Program Elements for Code B Items:		Code:		Other R	elated Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty	482						482				
Gross Cost					57.4						57.4
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					57.4						57.4
Initial Spares											
Total Proc Cost					57.4						57.4
Flyaway U/C											
Weapon System Proc U/C											

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:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$20.0M) procures an additional 168,000 MACS increments for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations. MACS is required to achieve logistics improvements to 155MM cannon field artillery and operational flexibility, rate-of-fire, system accuracy and Insensitive Munitions (IM) compliance when used in host artillery systems.

TYPE CLASSIFICATION DATE: May 05

Exhibit P-5, Weapon AMMO Cost Analysis Appropriation/Budget Activity Procurement of Ammunition	zy/Serial No: n, Army / 1 / Ammunitio		ULAR ART	menclature: FILLERY CHAR	GE SYSTEM (M	ACS), M23	Weapon Syste	em Type: De	ate:	February 2007
AMMO	ID	\	FY 05			FY 06			FY 07	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION										
Load, Assemble and Pack								5878	314	19
Combustible Case Sets								8384	330	2:
Propellant (M232 Triple Base)								16485	1570	10
Ignition System/Spheriodal Propellant								129	20	(
LAP Containers								2657	66	40
Sub Total Ammo Hardware								33533		
Production Support Costs										
Production Engineering								1498		
Quality Assurance								100		
Testing								800		
Value Engineering								153		
Fielding								100		
Sub Total Production Support Costs								2651		
Costs- Non Recurring										
Alternate Propellant Qualification								1250		
Sub Total Costs Non Recurring								1250		
FY 2007 MAIN SUPPLEMENTAL REQUEST										
Load, Assemble and Pack (Supp)								3192	168	19
Combustible Case Sets (Supp)								4325	173	2:
Propellant (M232 Triple Base) (Supp)								8400	840	10
Ignition Sys/Spheriodal Propellant(Supp)								65	10	
LAP Containers (Supp)								1400	35	40
Sub Total Ammo Hardware								17382		
Production Support Costs										
Testing (Supp)								2618		
Sub Total Production Support Costs								2618		
Total:								57434		120

Exhibit P-5a, Budget Procureme	ent History and Planning	T						ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: ARTILLERY CHARGE SYS	TEM (MACS), N	M232 (ER8021)					
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFI Issu Dat
FY 2007 BASE APPROPRIATION										
Load, Assemble and Pack										
FY 2007	American Ordnance Middletown, IA	SS/Option	Picatinny, NJ	Jan 07	Aug 08	314	19	Y		
Combustible Case Sets										
FY 2007	American Ordnance Middletown, IA	CM-5/FP	Picatinny, NJ	Jan 07	Apr 08	330	25	Y		
Propellant (M232 Triple Base)										
FY 2007	TBS TBS	SS/Option	Picatinny, NJ	Jan 07	May 08	1570	10	Y		
Ignition System/Spheriodal Propellant										
FY 2007	TBS TBS	SS/Option	Picatinny, NJ	Jan 07	May 08	20	6	Y		
LAP Containers										
FY 2007	Conco Louisville, KY	SS/Option	Picatinny, NJ	May 07	May 08	66	40	Y		
FY 2007 MAIN SUPPLEMENTAL REQUEST										
Load, Assemble and Pack (Supp)										
FY 2007	American Ordnance Middletown, IA	SS/Option	Picatinny, NJ	Jun 07	Jan 09	168	19	Y		
Combustible Case Sets (Supp)										
FY 2007	Armtec Coachella, CA	CM-5/FP	Picatinny, NJ	Jun 07	Oct 08	173	25	Y		
Propellant (M232 Triple Base) (Supp)										
FY 2007	TBS TBS	SS/Option	Picatinny, NJ	Jun 07	Oct 08	840	10	Y		
Ignition Sys/Spheriodal Propellant(Supp)										
FY 2007	TBS TBS	SS/Option	Picatinny, NJ	Jun 07	Oct 08	10	6	Y		
LAP Containers (Supp)										
FY 2007	Conco Louisville, KY	SS/Option	Picatinny, NJ	Jun 07	Oct 08	35	40			

Exhibit P-5a, Budget Procurement	History and Planning						I F	Date: February 2	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:	P-1 Line Item No MODULAR AR	omenclature: TILLERY CHARGE SYS	STEM (MACS), N	1232 (ER8021)		<u> </u>			
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

		F	Y 08 /	09 BU	DGET	r PR(ODUC	CTIO	N SCI	HEDU	ILE				M NOMI LAR AR			RGE SY	STEM (I	MACS),	M232 (ER8021	Dat)	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal '	Year 08	,										Fiscal Y	Year 09	ı					
				ı	1				1												ı									
М		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year (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 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 U	S E	Later
				1001	1001	Ť	v	Č	N	В	R	R	Y	N	Ĺ	Ğ	P	Ť	v	Č	A N	В	R	R	Y	N	Ĺ	Ğ	P	Later
	id, Asser			_	214	l	1	Τ	ı	l l				I	ı						.,		1	l	1	1	l	l		1 0
	FY 07	<u> </u>	314	0	314			<u> </u>								60	60	60	60	60	14									0
	FY 07	1	d Pack (S	upp) 0	168									1	I						45	60	60	2						0
1	FY U/	A	108	0	108																43	00	60	3						0
								<u> </u>																						
			<u> </u>					<u> </u>																						
т.	1		402		482			 								60	60				50	60	CO	2						
Tot	al		482		482	0	N	D	J	F	M		M	J	J	60	60 S	60 O	60 N	60 D	59	60 F	60 M	3	M	J	ī		S	
						C T	N O V	E C	A N	E B	A R	A P R	A Y	U N	U L	A U G	E P	C T	O V	E C	J A N	E B	A R	A P R	A Y	U N	U L	A U G	E P	
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M								PRODU	ICTION	RATES								LEAD T			MFR		TOTA		REMA	RKS				
F			N	τ			١,	M	105	3.7.4.37		hed M	_			Pric	or 1 Oct	_	r 1 Oct	Aft	ter 1 Oct		After 1							
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1	Amen	can Ord	nance, M	idaletown	, IA			30	60	123	-		_	order			3		4		22		26							
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Exhibit P-40, Budget Item	Justification	Sheet						Date:	February 2007	
Appropriation / Budget Activity / Ser Procurement of Ammunition, Army				P-1	Item Nomencla MINE, CLE	iture EARING CHARGE,	ALL TYPES (E75	100)		
Program Elements for Code B Items:		Code:	Other 1	Related Program	Elements:					
	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				10.9						10.9
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				10.9						10.9
Initial Spares										
Total Proc Cost				10.9						10.9
Flyaway U/C										
Weapon System Proc U/C										
Description: This budget includes Mine Clearing C FY 2007 Base Appropriation-	Charges, All Types									

FY 2007 Base Appropriation-FY 2007 Title IX (Bridge)Appropriation-FY 2007 Main Supplemental Request-FY 2007 Total-\$ 4.9 Million \$ 0.0 Million \$ 6.0 Million \$ 10.9 Million

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / An	mmuniti			omenclature: NG CHARGE, AI	LL TYPES (E751	00)	Weapon Syste	em Type:	Date:	February 2007
AMMO		ID		FY 05			FY 06			FY 07	
Cost Element	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 2007 BASE APPROPRIATION											
E75102 LINE CHARGE INERT M68A2 F/MICLIC		Α							487	7 205	2
Subtotal Basic Appropriation									487	7	
FY 2007 MAIN SUPPLEMENTAL REQUEST											
E72800 Anti-Pers Obstacle Breech Sys									600	630	10
Subtotal Supplemental Appropriation									600	0	
Total:									1087	7	

Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /					P-1	Item Nomencla ANTI-PER	ature S OBSTACLE BRE	ACHING SYSTEM	И (Е72800)		
Program Elements for Code B Items:		Code:		Other R	Related Program	Elements:					
	Prior Years	FY 2005	FY 2	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				,	630						630
Gross Cost					6.0						6.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				,	6.0						6.0
Initial Spares											
Total Proc Cost					6.0						6.0
Flyaway U/C											
Weapon System Proc U/C				,							
Description:											

The Anti-Personnel Obstacle Breaching System (APOBS) is used by dismounted troops in combat operations to clear a lane through wire obstacles and anti-personnel mines. This item is a lightweight, self-contained, 1-shot expendable system that is transported and deployed by a 2-man team. It consists of a line charge/fuze assembly and a rocket motor assembly. APOBS uses the EX126 Mod 0 rocket motor to propel a line charge over the obstacle. The line charge explodes, clearing a lane. This item is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$6.0 million) procures 630 APOBS for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION: July 2001 - Standard

	T		1-						1	_		
Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ar	nmuniti				menclature: STACLE BREAC	HING SYSTEM	(E72800)	Weapon Syste	m Type:	Date:	February 2007
AMMO		ID]	FY 05			FY 06			FY 07	
Cost Elemen	ts	CD	Total C	ost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000)	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 2007 MAIN SUPPLEMENTAL REQUEST	·											
HARDWARE												
APOBS Tactical System										535	630	8.
SubTotal Hardware										535	5	
PRODUCTION SUPPORT COSTS												
Production Engineering										64	5	
Subtotal Procurement Support										64	5	
Total:										600	0	

Exhibit P-5a, Budget Procuremen	t History and Planning							Oate: February	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: OBSTACLE BREACHING SY	STEM (E72800))					
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2007 MAIN SUPPLEMENTAL REQUEST										
APOBS Tactical System										
FY 2007	C/OPT	Picatinny, NJ	Jun 07	Mar 08	630	8.5	Y			

		F	FY 07 /	08 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEI ANTI-PI				CHING	SYSTE	M (E728	300)		Dat	e:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal '	Year 07	,	I									Fiscal Y	Zear 08						
		T ~	nn o o		1				1												1									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year ()7								Caler	ıdar Ye	ar 08				
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AP	OBS Ta	ctical S	ystem				•	•	•																					•
	FY 07 S	A	630	0	630									A									30	80	80	80	80	80	80	120
																														
																													 	
																													 	
																												\vdash		
Tot	al	<u> </u>	630		630																		30	80	80	80	80	80	80	120
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						T	V	E C	N	E B	R	R	Y	N	L	G	P	C T	V	E C	A N	E B	R	R	Y	N	L	U G	P	
M								PRODU	JCTION :	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA	RKS				-
F											Reac	hed M	FR			Pric	or 1 Oct	After	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R			Nan	ne - Locati	on		1	MIN	1-8-5	MAX	D-	+	1 In	itial			4		6		9		15							
1	Ensign	n Bickfo	ord, Simst	oury, CT				80	175	250			Re	eorder			4		6		9		15							
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Item No. 23 Page 6 of 7 29 Exhibit P-21 Production Schedule

		F	FY 09 /	10 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITE ANTI-P	M NOMI ERS OB			CHING	SYSTE	M (E728	300)		Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS	}						Fiscal '	Year 09)										Fiscal Y	Year 10	1					
		1 -	T	l	1																I									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year ()9								Cale	ndar Ye	ar 10				
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
AP	OBS Ta	ctical S	ystem				•							1																•
	FY 07 S	A	630	510	120	80	40																							0
Tot	al		630	510	120	80	40																							
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
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M							1	PRODU	JCTION	RATES						Α	DMIN I	EAD T	IME		MFR		TOT	AL	REMA	RKS				1
F											Reac	hed M	FR			Prio	or 1 Oct	After	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
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Item No. 23 Page 7 of 7 30 Exhibit P-21 Production Schedule

Exhibit P-40, Budget Item	Justification	Sheet						Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /	al No:			P-	1 Item Nomencla SHOULDE	ature ER FIRED ROCKET	S, ALL TYPES (E	A4000)		
Program Elements for Code B Items:		Code:	Other	Related Progran	Elements:					
	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				37.7	7					37.7
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				37.7	7					37.7
Initial Spares										
Total Proc Cost				37.7	7					37.7
Flyaway U/C										
Weapon System Proc U/C										
Danamindiana										

Description: This budget line includes Shoulder Fired Rockets, All Types.

FY 2007 Base Appropriation-FY 2007 Title IX (Bridge) Appropriation-FY 2007 Main Supplemental Request-FY 2007 Total-\$ 7.7 Million \$ 0.0 Million \$ 30.0 Million \$ 37.7 Million \$30.0 Million

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Arm	nmunitio			omenclature: RED ROCKETS,	ALL TYPES (EA	1000)	Weapon Syste	em Type:	Date:	February 2007
AMMO		ID		FY 05			FY 06			FY 07	
Cost Elemen	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 2007 BASE APPROPRIATION											
E36101 AT-4 CONFINED SPACE									731	2 1577	4.6
E88401 BUNKER DEFEAT MUNITION									39	8	
Subtotal Base Appropriation									771	0	
FY 2007 MAIN SUPPLEMENTAL REQUEST											
E36101 AT-4 CONFINED SPACE (Suppl)									1000	0 2783	3.6
E88401 BUNKER DEFEAT MUNITION(Suppl)									2000	0 1873	10.7
Subtotal Supplemental Appropriation									3000	0	
Total:									3771	0	

Exhibit P-40, Budget Item	Justification	Sheet							Date:	Eabruary 2007	
Appropriation / Budget Activity / Seria	ıl No:				P_1	Item Nomencla	ature			February 2007	
Procurement of Ammunition, Army /							fined Space (E36101))			
Program Elements for Code B Items:		Code:		Other F	Related Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty		4360						4360			
Gross Cost					17.3						17.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					17.3						17.3
Initial Spares											
Total Proc Cost					17.3						17.3
Flyaway U/C											
Weapon System Proc U/C											

The AT4 is the Army's primary shoulder launched, lightweight, anti-tank weapon. This procurement is for the AT4-Confined Space (CS) weapon, a safety enhanced version of the M136 AT4 Multipurpose Weapon. The AT4-CS is a self-contained weapon consisting of a free-flight, fin-stabilized, rocket packed in an expendable, 1-piece launch tube. The recoilless design permits accurate delivery of the 84mm High Explosive Anti-Armor warhead out to 250 meters.

The AT4-CS incorporates a safety modification to the propulsion system that significantly reduces the weapon's back blast and launch signature. This will allow the user to safely fire the weapon from a protected area or enclosed space during close combat operations. This item is Code B, not approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$10.0 million) procures an additional 2783 rockets for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Arm	nmuniti		Line Item No - Confined	omenclature: Space (E36101)			Weapon Syste	em Type:	Date:	February 2007
AMMO		ID	•	FY 05			FY 06			FY 07	
Cost Elemen	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 2007 BASE APPROPRIATION											
AMMUNITION HARDWARE											
Complete Round									5558	3 1577	3.6
SubTotal Hardware									5558	8	
PRODUCTION SUPPORT COSTS											
Production Engineering									1330)	
Acceptance Testing									424	4	
Sub Total Production Support									1754	4	
FY 2007 MAIN SUPPLEMENTAL REQUEST											
Complete Round (supplemental)									10000	2783	3.6
SubTotal Hardware									10000		
Total:									17312	2	4.0

Exhibit P-5a, Budget Procureme	ent History and Planning							Oate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: ed Space (E36101)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFF Issue Date
Complete Round FY 2007	SAAB Bofors Dynamics AB Karlskoga, Sweden	SS/OPT	Picatinny, NJ	Mar 07	Mar 08	1577	3.600	Y		
Complete Round (supplemental) FY 2007	SAAB Bofors Dynamics AB Karlskoga, Sweden	SS/OPT	Picatinny, NJ	Jun 07	Jun 08	2783	3.600	у		

REMARKS: Prices are subject to currency fluctuations.

		F	Y 07 /	08 BU	DGE	ΓPRO	ODU	CTIO	N SCI	HEDU	JLE				M NOME onfined S								Dat	e:	Februa	ry 2007				
	C	OST	ELEM	IENTS							Fiscal	Year 07	'										Fiscal Y	Zear 08						
		~	Tables																											
М		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	7								Cale	ıdar Ye	ar 08				
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Co	mplete R	ound		1							1													1						
		A	1577	0	1577			<u> </u>			A												1577						<u> </u>	0
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1	FY 07	A	2783	0	2783			<u> </u>	<u> </u>					A												1500	1283		<u> </u>	0
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То	tal		4360		4360				<u> </u>														1577			1500	1283		<u> </u>	
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M								PRODU	JCTION 1	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	-	D 6		e - Locati			-	MIN	1-8-5	MAX		+	1 Ini				6	-	7		14		21		_					
1	SAAB	Bofors	Dynamic	s AB, Kaı	iskoga, S	weden		5	2750	8300				order			6		6		12		18		_					
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Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /					P-1	Item Nomencla BUNKER I	ature DEFEAT MUNITIO	N (E88401)			
Program Elements for Code B Items:		Code:		Other F	Related Program	Elements:					
	Prior Years	FY 2005	FY 2	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					1873						1873
Gross Cost					20.4						20.4
Less PY Adv Proc						<u> </u>					
Plus CY Adv Proc											
Net Proc P1					20.4						20.4
Initial Spares											
Total Proc Cost					20.4						20.4
Flyaway U/C											
Weapon System Proc U/C											
Description:											

The Bunker Defeat Munition (BDM) is a single-shot, disposable, shoulder-launched munition used to defeat earth and timber field fortifications (bunkers) out to 250 meters. The system also defeats lightly armored vehicles and breaches masonry walls using its 83mm High Explosive, Dual-Purpose rocket. Additionally, each telescoping launcher has an integral night-vision device mount to accept any sight or laser aiming light with rail-grabber attachment. BDM is authorized for use by contingency forces. The item is Code B, not approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$20.0 million) procures 1,873 rockets for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: Limited Procurement: September 1994

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ar	nmunitio			omenclature: AT MUNITION ((E88401)		Weapon Syste	em Type:	Date:	February 2007
AMMO		ID	•	FY 05			FY 06	•	1	FY 07	
Cost Element	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 2007 BASE APPROPRIATION											
Production Engineering									398	8	
Subtotal Basic Appropriation									398	8	
FY 2007 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
Complete Round		В							1882	8 1873	10.05
SubTotal AMMO Hardware									1882	8	
PRODUCTION SUPPORT COSTS											
Production Engineering									1042	2	
Acceptance Testing									130	0	
SubTotal Production Support Costs									1172	2	
Total:									20398	8	10.73

Exhibit P-5a, Budget Procuremen	t History and Planning							Date: February	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: EFEAT MUNITION (E88401)	_						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Complete Round										1
FY 2007 (S)	Talley Defense Systems Mesa, AZ	SS/FP	Picatinny, NJ	Jun 07	Nov 08	1873	10.1	Y		

		F	FY 09 /	10 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEI BUNKE				(E8840	1)				Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS	,						Fiscal '	Year 09)	•									Fiscal Y	Year 10	1					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year ()9								Cale	ndar Ye	ar 10				-
F R	FY	R V	Each	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A	F E	M A	A P	M A Y	J U	J U	A U	S E P	O C T	N O V	D E C	J A N	F E B	M A	A P	M A Y	J U	J U	A U G	S E P	Later
Co	nplete F	ound				1	V	C	N	В	R	R	Y	N	L	G	Р	1	V	C	N	В	R	R	Y	N	L	G	Р	
	FY 07		1873	0	1873		250	500	700	423																				0
	S																													
Tot	al		1873		1873		250	500	700	423																				
			I			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	
						I																						_		
M]	PRODU	CTION	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA	RKS				1
F											Reac	hed M	FR			Pri	or 1 Oct	Afte	r 1 Oct	Af	ter 1 Oct	:	After 1	Oct						
R				ne - Locati				MIN	1-8-5	MAX	D	+	1 I	nitial			6		7		16		23							
1	Talley	Defens	se System	s, Mesa, A	ΑZ			200	700	1400				teorder			6		6		12		18							
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Exhibit P-40, Budget Item	Justification	Sheet		_					Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /					P-1	Item Nomencla ROCKET,	ature HYDRA 70, ALL T	YPES (E37300)			
Program Elements for Code B Items:		Code:		Other F	Related Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty		1									
Gross Cost		1			164.1						164.1
Less PY Adv Proc		1									
Plus CY Adv Proc											
Net Proc P1					164.1						164.1
Initial Spares		1									
Total Proc Cost					164.1						164.1
Flyaway U/C											
Weapon System Proc U/C											
D 1.41											

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:

FY 2007 Base Appropriation-FY 2007 Title IX (Bridge) Appropriation-FY 2007 Main Supplemental Request-Total-\$136.1 million \$ 0.0 million \$28.0 million \$164.1 million

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Arm	nmuniti			menclature: RA 70, ALL TYP	ES (E37300)		Weapon Syste	m Type:	Date:	February 2007
AMMO		ID		FY 05			FY 06			FY 07	
Cost Element	cs.	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
ROCKET HYDRA 70 M255A1									15634	4 14	1121
ROCKET HYDRA 70 HE/PD M151/M423									45243	59	769
ROCKET HYDRA 70 SIG PRAC M274									99303	3 142	702
ROCKET HYDRA 70, FLARE INFRARED (IR) M27									3941	1 1	3957
Total:									164121	1	

Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /					P-1	Item Nomencla ROCKET I		ETTE M255A1 W/I	MK66-2 Mtr (E05302	·	
Program Elements for Code B Items:		Code:		Other I	Related Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					14						14
Gross Cost					15.6						15.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					15.6						15.6
Initial Spares											
Total Proc Cost					15.6						15.6
Flyaway U/C											
Weapon System Proc U/C					1.1						1.1

The HYDRA-70 family of rockets is used by Army aircraft (AH-64A/D Apache, OH-58D Kiowa Warrior, Armed Reconnaissance Helicopter, and Special Operations aircraft) to perform a number of roles including anti-materiel, anti-personnel and air-to-ground suppression. The M255A1 Flechette warhead is a cargo warhead consisting of a nose cone assembly, a warhead case, an integral fuze, 1,179 60-grain flechettes and an expulsion charge assembly. The primary fuze (M439) is remotely set with Aerial Rocket Control System (ARCS), Multifunctional Display (MFD) or Rocket Management System (RMS) to provide range from 500 meters to 7200 meters. At expulsion, the 1,179 60-grain, hardened-steel flechettes separate and form a disk-like mass which breaks up with each flechette assuming an independent trajectory. The flechette uses kinetic energy derived from the velocity of the rocket to produce the desired impact and penetration on the target. The warhead weight is 20.3 pounds, and when mated to the MK66 motor, the weight is 27.5 pounds. The overall length of the M255A1 Rocket is 66.1 inches. This item is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$2.0 million) procures an additional 1868 M255A1 rockets for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 25 March 2005.

Exhibit P-5, Weapon AMMO Cost Analysis Apr	propriation/Budget Activity/Serial No: rocurement of Ammunition, Army / 1 / Ar	nmunitio		KET HYDR	menclature: A 70 FLECHET	ΓΕ M255A1 W/M	K66-2 Mtr	Weapon Syste	em Type:	Date:	February 2007
AMMO		ID		FY 05			FY 06			FY 07	
Cost Elements		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
Complete Round									12402	12	1.0
Production Engineering									1232	2	
Sub Total Ammo Hardware									13634	ı	
FY2007 MAIN SUPPLEMENTAL REQUEST											
Complete Round									2000	2	1.0
Sub Total Ammo Hardware									2000		
Total:									15634	ıl	1.

Exhibit P-5a, Budget Procureme	ent History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: DRA 70 FLECHETTE M255	A1 W/MK66-2 N	Mtr (E05302)					
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 2007 BASE APPROPRIATION										
Complete Round										
FY 2007	General Dynamics Burlington, VT	SS/FP	AMCOM, Redstone Arsenal, AL	Feb 07	Aug 08	12	1	Y		
FY2007 MAIN SUPPLEMENTAL REQUEST										
FY 2007 Supplement	General Dynamics Burlington, VT	SS/Option	AMCOM, Redstone Arsenal	Jun 07	Dec 08	2	1	Y		

		I	F Y 07 /	08 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN ROCKE				TE M2:	55A1 W	/MK66-2	2 Mtr (E	05302)	Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS	}						Fiscal Y	ear 07	,										Fiscal Y	Year 08	}					
		S	PROC	ACCEP	BAL									Calenda	r Year (7								Cale	ndar Ye	ar 08				
M		Е	QTY	PRIOR	DUE								1										ı	ı		1	1		ı	
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
Con	nplete F	Round	_	,																1		1	•			,	,			
	FY 07 S	A	1.868	0.000	1.868									A																1.868
1	FY 07	A	11.700	0.000	11.700					A																		1.700	1.000	9.000
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Tota	al		13.568		13.568																							1.700	1.000	10.868
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	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	LEAD T	IME		MFR		TOTA	AL	REMA	RKS	1	4 - TTd	D14	_
F											Reac	hed M	FR			Pri	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct	produc	ed at GI	s apply	to Hydra	Rocket	S
R			Nam	ne - Locati	on		1	MIN	1-8-5	MAX	D-	-	1 Ini	tial			6		7		22		29		F					
1	Gener	al Dyna	mics, Bur	lington, V	T			0.300	15.000	46.000			Re	order			6		7		18		25							
													Ini	tial																
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												Re	order																	
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Initial Reorder																				1										

		I	FY 09 /	10 BU	DGE	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN ROCKE				TE M25	55A1 W	/MK66-2	2 Mtr (E	05302)	Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS	}						Fiscal Y	Zear 09											Fiscal Y	Year 10	١					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year (9								Cale	ndar Ye	ar 10				1
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				1001		T	V	C	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	Luter
	nplete F	1	1.868	0.000	1.868	1	1	1.868	1				I	_			l 1						1	l		I	l	1	1	0.000
	FY 07 S	A	1.808	0.000	1.808			1.808																						0.000
1	FY 07	A	11.700	2.700	9.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.00	1.000																0.000
Tot	al		13.568	2.700	10.868	1.000	1.000	2.868	1.000	1.000	1.000	1.000	1.000	1.000																
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	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		•	ı					1					•				ı	1			1	ı	1	•
M								PRODU	CTION	RATES						Α	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA				D 1	
F											Reac	hed M	FR			Pri	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct	produc	tion rate	s appiy DATP.	to Hydra	Rocket	is
R			Nam	ne - Locati	on		1	MIN	1-8-5	MAX	D-	-	l Ini	tial			6		7		22		29		P					
1	Gener	al Dyna	mics, Bur	lington, V	T			0.300	15.000	46.000			Re	order			6		7		18		25							
													Ini	tial																
													Re	order																
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Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /					P-1	Item Nomencla ROCKET I	ature HYDRA 70 HE/PD N	/1151/M423 (E3733	35)		
Program Elements for Code B Items:		Code:		Other I	Related Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					59						59
Gross Cost					45.2						45.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					45.2						45.2
Initial Spares											
Total Proc Cost					45.2						45.2
Flyaway U/C											
Weapon System Proc U/C					0.8						0.8

The HYDRA-70 family of rockets is used by Army aircraft (AH-64A/D Apache, OH-58D Kiowa Warrior helicopters, Armed Reconnaissance Helicopter, and Special Operations aircraft) to perform a number of roles including anti-materiel, anti-personnel, and air-to-ground suppression. The M151 HEPD is a unitary fragmenting 10-lb anti-personnel warhead with the M423 Point Detonating Fuze. Upon detonation, the warhead fragments into thousands of small, high velocity fragments. This item is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$17.0 million) procures an additional 23,900 M151/M423 rockets for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 26 February 1982

Exhibit P-5, Weapon AMMO Cost Analysis Ap	ppropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Am	munitio		Line Item No CKET HYDR		51/M423 (E37335	5)	Weapon Syste	m Type:	Date:	February 2007
AMMO		ID	•	FY 05			FY 06	1		FY 07	
Cost Elements		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 Base Appropriation											
Complete Round									25693	35	734.1
Production Engineering									2550)	
SubTotal AMMO Hardware									28243	3	
FY 2007 Main Supplemental Request											
Complete Round									17000	24	708.3
SubTotal Prod. Support									17000		
Total:									45243	3	766.8

Exhibit P-5a, Budget Procureme	ent History and Planning							Oate: ebruary	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	RF Issu Dat
FY 2007 Base Appropriation										
Complete Round										
FY 2007	General Dynamics Burlington, VT	SS/FP	AMCOM, Redstone Arsenal, AL	Feb 07	Aug 08	35	723	Y		
FY 2007 Main Supplemental Request										
FY 2007 Supplement	General Dynamics Burlington, VT	SS/Option	AMCOM, Redstone Arsenal	Jun 07	Dec 08	24	723	Y		

		I	F Y 07 /	08 BU	DGE	r PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN ROCKE				151/M42	23 (E373	335)			Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS	}						Fiscal '	Year 07	7										Fiscal Y	Year 08	}					
-		S	PROC	ACCEP	BAL				T					Calenda	r Year (7								Cale	ndar Ye	ar 08				
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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
Coı	nplete R	Round																												
	FY 07 S	A	23.9	0.0	23.9									A																23.9
1	FY 07	A	35.5	0.0	35.5					A																		3.5	3.0	29.0
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Tot	al		59.4		59.4										<u> </u>													3.5	3.0	52.9
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M								PRODU	JCTION I	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA	A L	REMA	RKS				•
F												hed M	IFR			Prie	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1							
R	+			ne - Locati				MIN	1-8-5	MAX	D-	+	1 In	itial			6		7		22		29							
1	Genera	al Dyna	ımics, Bur	lington, V	T		_	0.3	15.0	46.0				eorder			6		7		18		25							
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Initial Reorder											+									1										
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		F	FY 09 /	10 BU	DGE	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEM ROCKET				51/M42	23 (E373	35)			Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS	}						Fiscal Y	ear 09											Fiscal Y	Year 10)					
•		S	PROC	ACCEP	BAL									Calendar	Year 0	9								Cale	ndar Ye	ar 10				
M		Е	QTY	PRIOR	DUE		ı	ı			1			1 1	-								1	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
Con	nplete R	Round																												
	FY 07 S	A	23.9	0.0	23.9			2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9											0.0
1	FY 07	A	35.5	6.5	29.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0															0.0
•																														
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Tota	al		59.4	6.5	52.9	3.0	3.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0	2.0	2.0	2.0	1.9											
100						0	N	D	J	F	М	A	М	J	J	A		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	CTION	RATES							DMIN L			4	MFR		TOTA		REMA		e annly	to Hydra	Pocket	e
F												ned M	_			Prio	or 1 Oct		r 1 Oct	Aft	ter 1 Oct		After 1		produc	ed at GE	OATP.	.o rryura	ROCKE	3
R		1.D		ne - Locati												_	6	+	7		22		29		-					
1	Gener	ai Dyna	mics, Bur	lington, V	1			0.3	15.0	46.0			_	order			6		7		18		25							
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													Ini	order											-					
-													order		+				 					+						
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	 										order											1								
																					1									
Initial Reorder											1				1					1										

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Exhibit P-21 Production Schedule

Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army					P-1	Item Nomencla ROCKET F	ature IYDRA 70 SIG PRA	.C M274 (E37337))		
Program Elements for Code B Items:		Code:		Other Rel	lated Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					142						142
Gross Cost					99.3						99.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					99.3						99.3
Initial Spares											
Total Proc Cost					99.3						99.3
Flyaway U/C											
Weapon System Proc U/C					0.7						0.7

The HYDRA-70 family of rockets is used by Army aircraft (AH-64A/D Apache, OH-58D Kiowa Warrior, Armed Reconnaissance Helicopter, and Special Operations aircraft) to perform a number of roles including anti-materiel, anti-personnel, and air-to-ground suppression. The M274 warhead is a smoke/flash signature practice warhead used for pilot/gunner training missions and consists of a cast iron warhead modified with vent holes, an aluminum nose cap with firing pin, a M423 fuze safe and arming device, and a smoke/flash cartridge. The M274, with the MK66 Mod 4 rocket motor and electromagnetic radiation protection, can be fired by all aircraft. This item is Code A, approved for service use.

Justification:

This is a training unique item not used in combat. Procurement supports annual training and builds a depot level in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$9.0 million) procures an additional 13,680 M274 rockets in support of unforecasted ammunition requirements for the Global War on Terror (GWOT). This requirement supports predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 1986

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Arm	nmuniti			omenclature: RA 70 SIG PRAC	M274 (E37337)		Weapon Syste	m Type:	Date:	February 2007
AMMO		ID		FY 05			FY 06			FY 07	
Cost Elemen	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 Base Appropriation											
Complete Round									82146	128	642
SubTotal AMMO Hardware									82146	5	
PRODUCTION SUPPORT COSTS									8157	7	
PROD SUPPORT SUBTOTAL									8157	7	
FY 2007 Main Supplemental Request											
COMPLETE ROUND									9000) 14	643
Subtotal Supplemental Appropriation									9000)	
Total:									99303	3	69

Exhibit P-5a, Budget Procureme	nt History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: DRA 70 SIG PRAC M274 (E	37337)						
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 2007 Base Appropriation										
Complete Round										
FY 2007	General Dynamics Burlington, VT	SS/FP	AMCOM, Redstone Arsenal, AL	Feb 07	Aug 08	128	641	Y		
FY 2007 Main Supplemental Request										
FY 2007 Supplement	General Dynamics Burlington, VT	SS/Option	AMCOM, Redstone Arsenal, Al	Jun 07	Dec 08	14	641	у		

		F	F Y 07 /	08 BU	DGET	ΓPRO	ODU	CTIO	N SCI	HEDU	LE			P-1 ITEN ROCKE				M274	(E37337)			Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal Y	ear 07											Fiscal Y	Year 08						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year (17	I							Cale	ndar Ye	ar 08		-		•
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
Cor	nplete F	Round												1						-										1
	FY 07	A	13.68	0.00	13.68									A																13.68
	S		120.50	0.00	120.50																							11.50	11.00	105.00
1	FY 07	A	128.50	0.00	128.50					A																		11.50	11.00	106.00
																													 	
																												<u> </u>	 	
																												<u> </u>	 	
Tota	o1		142.18		142.18																							11.50	11.00	119.68
100	aı					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	
											1					T .	.DMIN I	FADT	IME	1	MFR		TOTA	A.I.	REMA	DKC				
M F								TRODE	JCTION :	ICTILS	React	ned M	FR			-	or 1 Oct		r 1 Oct		ter 1 Oct		After 1		KLIVIZ	ikiks				
R										1 Ini	tial			6	-	7		22		29										
1	Gener	Name - Location								-	order			6		7		18		25										
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Exhibit P-21 Production Schedule

		I	FY 09 /	10 BU	DGE	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN ROCKE				M274	(E37337)			Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS							Fiscal Y	ear 09	•										Fiscal Y	Year 10						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE		-							Calenda	r Year 0	9	I							Cale	ndar Ye	ar 10				•
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
Cor	nplete F	Cound				_			-,		••		-	- 11	-														-	<u> </u>
1	FY 07 S	A	13.68	13.68	13.68			2.00	1.68	1.00	1.00	1.00	1.00	1.00	1.00	4.00														0.00
	FY 07	A	128.50	128.50	106.00	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00	10.00	10.00															0.00
																														
								-																		-				
																														
.																														
Tot	al		142.18	142.18	119.68	11.00	11.00	13.00	12.68	12.00	12.00	11.00	11.00	11.00	11.00	4.00														
						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 U	S E	
						T	V	E C	N	В	R	R	Y	N	Ĺ	Ğ	P	Ť	V	C	N	В	R	R	Y	N	Ĺ	U G	P	
								PRODU	CTION	DATES.	<u> </u>					T .	DMIN I	EADT	TD 4F		MFR		TOTA		REMA	PKG				
M F							<u> </u> -	FRODU	CHON	XATES	Peac	ad M	FD				or 1 Oct		r 1 Oct	4	ter 1 Oct		After 1		Produc	ction rate	s apply	to Hydra	Rocket	s
R		Nome Leastin MIN 185 MAY D								_		Ho1		FII	6		7	All	22		29		produc	ed at GD	OATP.					
1	Gener	Name - Location MIN 1-8-5 MAX D+ General Dynamics, Burlington, VT 0.30 25.00 46.00										order			6		7		18		25									
	Gener	шъупа	synamics, burnington, v1									Ini				0		/		10		23								
													order																	
							+	-+					Ini																	
	1						-	-+			+			order		+		+							1					
							-+	-+			+		Ini					+							1					
							-+	-+			+			order				+							1					
	+ + + + + + + + + + + + + + + + + + + +							-	Ini			+		+							1									
							+	-			+			ordor				+							1					

Exhibit P-40, Budget Item	Justification	Sheet						Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /				P-1	Item Nomencla	ature ION MUNITIONS, A	ALL TYPES (E554	00)		
Program Elements for Code B Items:		Code:	Other	Related Program	Elements:					
	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				59.5						59.5
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				59.5						59.5
Initial Spares										
Total Proc Cost				59.5						59.5
Flyaway U/C										
Weapon System Proc U/C										
Danamintiana									•	

Description: This budget line includes Demolition Munitions, All Types.

FY 2007 Base Appropriation \$ 36.0 Million FY 2007 Title IX (Bridge) Appropriation FY 2007 Main Supplemental Request FY 2007 Total \$ 36.0 Million \$ 0.0 Million \$23.5 Million \$ 59.5 Million

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Exhibit P-40 Budget Item Justification Sheet

Exhibit P-5, Weapon AMMO Cost Analysis Appropriation/Budge Procurement of Am	t Activity/Serial No: munition, Army / 1 / Ammuni		Line Item No MOLITION I	omenclature: MUNITIONS, AL	L TYPES (E5540	00)	Weapon Syste	em Type:	Pate:	February 2007
AMMO	ID		FY 05			FY 06			FY 07	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
BASIC APPROPRIATION										
E50601 Chg Demo Blk C-4 1-1/4 lb M112								21164	946	
E51300 Chg Demo BLK Cratering 40 LB								2391	6	
E52500 Cap Blasting Elec M6								1322	46	
E52600 Cap Blasting Non-Elec M7								807	124	
E53100 Chg Demo Shaped M2 15 LB								1162	1	
E54100 Cord Detonating Type 1								573	2334	
E78201 Chg, Demo Sheet Roll 38' (QTY ea)								622	21	
E81301 Holder for Blst Cp & Shk Tube M9								413	594	
E81305 Cap Blasting Non-Elec, Delay, M14								1788	186	
E81307 Igniter Time Fuze & Shk Tube, M81								620	73	
E88300 Igniter Electric Match, M79								17	1	1
E94100 Booster Demo Charge, M151								953	123	
E99301 Rapid Wall Breaching Kit M322								2400	216	1
E99903 Blast Cap, NonEl:500' Mntube, M21								774	11	
E99904 Blast Cap, NonEl:500' Inert, M22								82	2	8
E99905 Blast Cap NonEl:1000' Mntube, M23								913	11	
Subtotal Basic Appropriation								36001		
SUPPLEMENTAL APPROPRIATION										
E51400 Chg Demo Roll (Suppl)								8000	481	1
E60200 Cutter Ctg 2 Sec Delay, M21 (Supp								5000	11	44
E78201 Chg, Demo Sheet Roll 38' (Suppl)								2000	126	1
E81306 Cap, Inert Non-El w/70' M15 (Supp								1000	85	1
E99301 Rapid Wall Breach Kit M322 (Suppl								7500	1600	468
Subtotal Supplemental Appropriation								23500		
m								50.5 04		
Total:								59501		

Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army					P-1	Item Nomencla CHARGE I	iture DEMOLITION ROL	L M186 (E51400)			
Program Elements for Code B Items:		Code:		Other Rel	lated Program	Elements:					
	Prior Years	FY 2005	FY 2	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					481						481
Gross Cost					8.0						8.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					8.0						8.0
Initial Spares											
Total Proc Cost					8.0						8.0
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:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$8.0 million) procures 481,000 feet of ribbon explosive for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: Prior to 1970

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / An	nmuniti			menclature: DLITION ROLL I	M186 (E51400)		Weapon Syste	em Type:	Date:	February 2007
AMMO		ID		FY 05			FY 06			FY 07	
Cost Elements	s	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 MAIN SUPPLEMENTAL REQUEST											
HARDWARE											
EXPLOSIVE 3in x .25in (Per foot)									7633	481	16
Subtotal Hardware									7633	3	
PRODUCTION SUPPORT											
PRODUCTION ENGINEERING									363	3	
QUALITY ASSURANCE									4	ļ.	
Subtotal Production Support									367	,	
Total:									8000		17

Exhibit P-5a, Budget Procurement History and Planning Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition Weapon System Type: P-1 Line Item Nomenclature: CHARGE DEMOLITION ROLL M186 (E51400) WBS Cost Elements: Contractor and Location Contract Location of PCO Award Date Date of First OTY Unit Cost Specs	2007
Procurement of Ammunition, Army/ 1/ Ammunition CHARGE DEMOLITION ROLL M186 (E51400) WBS Cost Elements: Contractor and Location Contract Location of PCO Award Date Date of First QTY Unit Cost Specs	<u>.</u>
Method and Type Delivery x1000 \$ Avail Now?	Date RFP Revsn Issue Avail Date
FY 2007 MAIN SUPPLEMENTAL REQUEST EXPLOSIVE 3in x .25in (Per foot) FY 2007 (S) To Be Selected C/OPT Rock Island, IL Jun 07 Mar 08 481 16 Y	

REMARKS: FY07 Supplemental buy will be a priced option to an FY06 contract.

		F	FY 07	08 BU	DGE	ΓPRO	ODU	CTIO	N SCI	HEDU	LE			P-1 ITE CHARG				M186 (E51400))			Dat	e:	Februa	ry 2007				
	C	OST	ELEN	1ENTS							Fiscal	Year 07	7	l.									Fiscal Y	ear 08						
		1	ı	1	1				1																					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year ()7								Caler	ndar Ye	ar 08				
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)								•	•			•			•											
	FY 07 S	A	481	0	481									A									40	40	40	40	40	40	40	201
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																											\vdash			
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				1																							$\vdash \vdash \vdash$			
Tot	al	l .	481		481																		40	40	40	40	40	40	40	201
-			I	1	1	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	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	
						1		1	1	I I		ı	1	1	1		1			I					1				I	I
M								PRODI	JCTION	RATES						Δ	DMIN I	FADT	TMF		MFR		TOTA	Δ1	REMA	RKS				
F								TRODE	CHOIL	MILD	Read	ched M	IFR				or 1 Oct		r 1 Oct	4	er 1 Oct		After 1		THERI	E IS NO				
R		Name - Location MIN 1-8-5 MAX D+								-	_	itial			7	-	7		12		19			E IS AN RDED A				VILL BE		
1	То Ве	e Selected 10 40 80									_	eorder			3		9		9		18		CONT	RACT.	THE FY	707 SUP		NTAL		
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													R	eorder											1					

		F	FY 09 /	10 BU	DGET	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITE				M186 (E51400))			Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS							Fiscal `	Year 09)										Fiscal Y	Year 10)					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year ()9								Cale	ndar Ye	ar 10				-
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	r foot)		1	v	C	IN	Б	K	K	1	IN	L	u	Г	1	•	C	11	ь	K	K	1	11	L	u	Г	
	FY 07	1	481	481	201	40	40	40	40	41																				0
	S																													
т.	1		401	401	201	40	40	40	40	41																				
Tot	al		481	481	201	40 O	40 N	40 D	40 J	41 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	RATES						A	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA	RKS				1
F											Reac	hed M	FR			Pric	or 1 Oct	Afte	r 1 Oct	Af	ter 1 Oct		After 1	Oct		E IS NO				, BUT VILL BE
R			Nam	ne - Locati	on		N	MIN	1-8-5	MAX	D	+	1 In	itial			7		7		12		19		AWAF	RDED A	S THE I	BASE Y	EAR	
1	То Ве	Selecte	d					10	40	80			R	eorder			3		9		9		18			RACT. BE AN (PLEME	ENTAL
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Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army					P-1	Item Nomencla	ature CTG ACTUATED 2	SEC DELAY M21	(E60200)		
Program Elements for Code B Items:		Code:	1	Other I	Related Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					11						11
Gross Cost					5.0						5.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					5.0						5.0
Initial Spares											
Total Proc Cost					5.0						5.0
Flyaway U/C											
Weapon System Proc U/C											
	•										1

The M21 Cutter is a cartridge actuated device that is used in aerial delivery systems for cargo. It severs a reefing line which allows a parachute to fully deploy. The cutter is installed in a mounting bracket which is attached to the parachute. Major components consist of a case, firing pin assembly, lanyard, knife assembly, delay assembly, and cotter pin. This item is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$5.0 million) procures an additional 11,223 cutter charges for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 1980

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / A	mmuniti		ine Item No TER CTG A		C DELAY M21 ((E60200)	Weapon Syste	em Type:	Date:	February 2007
AMMO		ID		FY 05			FY 06			FY 07	
Cost Elemen	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 MAIN SUPPLEMENTAL REQUEST]
HARDWARE											1
COMPLETE ROUND									455	7 11	406
Subtotal Hardware									455'	7	1
PROGRAM SUPPORT											1
PRODUCTION ENGINEERING									243	3	1
Subtotal Program Support									243	3	1
NON RECURRING COSTS											1
PRODUCIBILITY UPDATE									200	0	1
Subtotal Non-Recurring Costs									200	0	İ
											İ
Total:									5000	0	425

Exhibit P-5a, Budget Procurement	t History and Planning							Date: February	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: G ACTUATED 2 SEC DELAY	M21 (E60200))					
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 2007	To Be Selected	C/FP	Rock Island, IL	Jun 07	Dec 08	11	406	5 Y		

		F	FY 09 /	10 BU	DGET	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITE	M NOME R CTG A			C DEL	AY M2	1 (E6020	00)		Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal Y	Year 09)	•									Fiscal Y	Year 10						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year 0	9								Cale	ndar Ye	ar 10				•
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
СО	MPLET	E ROU	ND	I									1		I.		l l							I	1					1
	FY 07	A	11.00	0.00	11.00			1.00	2.00	2.00	2.00	2.00	2.	00																0.00
	S																													
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Tot	al	1	11.00		11.00			1.00	2.00	2.00	2.00	2.00	2.00																	
				I		О	N	D	J	F	M	A	М	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	
	T																													
M								PRODU	CTION	RATES	١.,	.	TED.				DMIN I			-	MFR		TOTA		REMA	RKS				
F			N					MINI	105	MAN		hed M	-			Pri	or 1 Oct	+	r 1 Oct	Aft	er 1 Oct		After 1		-					
R 1		Calaata		e - Locati	on			MIN 1.00	2.00	4.00	D-	+	-	itial			5	+	9		18		27							
1	То Ве	Selecte	u						2.00	1.00			-	eorder			6	-	6		18		24		-					
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Item No. 27 Page 11 of 26 37

Exhibit P-21 Production Schedule

Exhibit P-40, Budget Item	Justification	Sheet						Date:	F.1. 2007	
Appropriation / Budget Activity / Seri	al No:			p.	-1 Item Nomencla	ature			February 2007	
Procurement of Ammunition, Army						SHEET ROLL 38 F	T (E78201)			
Program Elements for Code B Items:		Code:		ther Related Prograr	n Elements:					
	Prior Years	FY 2005	FY 200	06 FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				14	7					147
Gross Cost				2.0	6					2.6
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				2.0	6					2.6
Initial Spares										
Total Proc Cost				2.0	6					2.6
Flyaway U/C										
Weapon System Proc U/C										
Description: The M980 is a flexible sheet explosive disposal units. It is used for specialize Justification: This is a training standard item used in 2007 Supplemental (\$2.0 million) pro approved Army ammunition war-fight	d demolition mission both training and cures an additiona	ions and destrudent of the combat. Procedured 126,000 feet of the combat.	urement supof sheet exp	provised Explosive pports annual training	Devices (IED). T ng and builds a w al War on Terror	This item is code var reserve inven (GWOT). This	A, approved f	or service use.	my's procurement	goals. The FY

Exhibit P-5, Weapon AMMO Cost Analysis Appropriation/Budget Activity/Serial N Procurement of Ammunition, Army /	o: 1 / Ammunit			menclature: ET ROLL 38 FT	(E78201)		Weapon Syste	em Type: D	ate:	February 2007
AMMO	ID		FY 05			FY 06			FY 07	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION										
HARDWARE										
Sheet explosive 10 x.083 in per ft								333	21	10
Subtotal Hardware								333		
PRODUCTION SUPPORT										
Production Engineering								192		
Subtotal Production Support								192		
NON-RECURRING COSTS										
Shelf Life Determination Test								100		
Subtotal Non-Recurring Costs								100		
FY 2007 MAIN SUPPLEMENTAL REQUEST										
HARDWARE										
Sheet explosive 10 x.083 in/ft (S)								2000	126	10
Subtotal Supplemental appropriation								2000		
Total:								2625		1

Exhibit P-5a, Budget Procureme	ent History and Planning							ate: ebruary	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	RF Issu Dat
FY 2007 BASE APPROPRIATION Sheet explosive 10 x.083 in per ft FY 2007	To Be Selected	C/OPT	Rock Island IL	Mar 07	Dec 07	21	16	Y		
FY 2007 MAIN SUPPLEMENTAL REQUEST Sheet explosive 10 x.083 in/ft (S) FY 2007 (S)	To Be Selected	C/OPT	Rock Island IL	Jun 07	Mar 08	126	16	Y		

REMARKS: Contract will be a priced option to contract awarded in August 06.

		F	Y 07	08 BU	DGET	r PR(ODUC	CTIO	N SCI	HEDU	LE				M NOMI EM SHEI			(E7820	1)				Dat	te:	Februa	ry 2007				
	C	OST I	ELEN	IENTS	}						Fiscal `	Year 07	,										Fiscal Y	Year 08						
		1	1	ı	1																1									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ar Year ()7								Cale	ndar Ye	ar 08				
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	et explo	sive 10	x.083 in	per ft					1					,		•					1							ij		•
1	FY 07	A	21	0	21						A									2	7	12								0
She	et explo	sive 10	x.083 in/	ft (S)																										
	FY 07 S	A	126	0	126									A									12	12	12	12	12	12	12	42
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															\vdash															
Tot	·a1		147		147										\vdash					2	7	12	12	12	12	12	12	12	12	42
100	aı		147		147	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	72
						C T	O V	E C	A N	E B	A R	P R	A Y	U	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						A	DMIN I	LEAD T	IME		MFR		TOTA	AL.	REMA	RKS				1
F											Reac	hed M	FR			Prie	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R			Nan	ne - Locati	on		1	MIN	1-8-5	MAX	D-	+	1 Iı	nitial	-		6		11		12		23							
1	То Ве	Selected	i					5	12	30			R	teorder			6		6		9		15							
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													Iı	nitial																
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		F	FY 09 /	10 BU	DGET	PRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITE CHG DI	M NOMI EM SHE			(E7820	1)				Dat	te:	Februa	ry 2007				
	C	OST	ELEN	1ENTS							Fiscal '	Year 0	9	,									Fiscal Y	Year 10	1					
		S	PROC	ACCEP	BAL									Calenda	ır Year ()9								Cale	ndar Ye	ar 10				
M		E	QTY	PRIOR	DUE		ı	1		1			-		ı	ı								ı		1	ı	ı		
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	N A	A 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	Later
_			x.083 in					1							1	1								1		ı	1			1
_	FY 07		21																											0
_			x.083 in/					1	1						1						1					1			1	T
	FY 07 S	A	126	126	42	12	12	12	6																					0
То	tal	1	147	147	42	12	12	12	6																					
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M]	PRODU	CTION 1	RATES						Α	DMIN I	EAD T	IME		MFR		TOTA	4L	REMA	RKS				
F											Reac	hed N	/IFR			Prie	or 1 Oct	Afte	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
R			Nan	ne - Locati	on		N	MIN	1-8-5	MAX	D-	+	1	Initial			6		11		12		23							
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Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /	I No:				P-1	I Item Nomencl CAP BLAS		DELAY, W/70 FT	TUBE, M15 (E8130e	5)	
Program Elements for Code B Items:		Code:	1	Other R	Related Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					85						85
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											
Description:						•					

The M15 Blasting Cap consists of 70 feet of shock tube with two delay blasting caps attached at each end. One cap has a 25 millisecond (ms) delay and the other has a 200ms delay. The M15 is used to obtain staged detonations such as are needed in quarrying operations.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$1.0 million) procures 85,000 blasting cap & shock tube sets for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE:

Exhibit P-5, Weapon AMMO Cost Analysis Appropriation/Budget Aprocurement of Amm	Activity/Serial No: nunition, Army / 1 / Ammunition	on CA	Line Item No P BLASTINO 1306)		ELAY, W/70 FT T	ΓUBE, M15	Weapon Syste	em Type:	Date:	February 2007
AMMO	ID		FY 05			FY 06			FY 07	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 MAIN SUPPLEMENTAL REQUEST										
HARDWARE										
COMPLETE M15 DUAL CAP & TUBE SET								904	4 85	11
Subtotal Hardware								904	1	
PRODUCTION SUPPORT										
PRODUCTION ENGINEERING								96	5	
Subtotal Production Support								96	5	
Total:								1000)	12

Exhibit P-5a, Budget Procurement	History and Planning							Oate: Tebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: NG NON-ELEC, DELAY, W/	70 FT TUBE, N	/115 (E81306)					
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 M15 DUAL CAP & TUBE SET FY 2007 (s)	Ensign Bickford Simsbury, CT	C/OPT	Picatinny, NJ	Jun 07	Mar 08	85	11	Y		

		F	FY 07 /	08 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITE CAP BL				ELAY,	W/70 F1	ΓTUBE,	, M15 (E	81306)	Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS	}						Fiscal '	Year 07	'										Fiscal Y	Year 08						
		1 -	T	I	T				1																					
M		S E	PROC QTY	ACCEP PRIOR										Calenda	r Year ()7								Caler	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
CO	MPLET	E M15	DUAL C	AP & TU	BE SET		•		•																					
	FY 07 S	A	85	0	85									A									5	10	10	10	10	10	10	20
								 																						
								 																						
								<u> </u>																						
								 																						
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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	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 :	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL.	REMA	RKS				
F											Reac	hed M	FR			Pric	or 1 Oct	After	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R			Nan	ne - Locati	on		1	MIN	1-8-5	MAX	D-	+	1 In	itial			6		7		12		19							
1	Ensign	n Bickfo	ord, Simst	ury, CT				5	10	25			Re	eorder			6		6		9		15							
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		F	Y 09 /	10 BU	JDGE	T PR	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITE CAP BL				ELAY,	W/70 F	Г ТИВЕ	, M15 (E	81306)	Dat	te:	Februa	ry 2007				
	C	OST	ELEN	1ENTS	5						Fiscal `	Year 09)										Fiscal Y	Year 10	1					
		1 _	T	T	1				1																					
M		S E	PROC QTY	ACCEP PRIOR										Calenda	ır Year ()9								Cale	ndar Ye	ar 10				
F R	FY	R V	x1000	TO 1 OCT	AS OF		N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	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 M15	DUAL C	CAP & TU	BE SET		•	•	•					•										•	•			•		
	FY 07 S	A	85	65	20	10	10																							0
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M							,	PRODU	ICTION	RATES						A	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA	RKS				1
F											Reac	hed M	FR			Pric	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R	_			ne - Locati	ion		1	MIN	1-8-5	MAX	D-	+	-	itial			6	+	7		12		19		_					
1	Ensign	1 Bickfo	ord, Simsb	oury, CT				5	10	25		_		eorder			6		6		9		15							
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Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /					P-	1 Item Nomencl Demolition	ature a Kit, Rapid Wall Bre	ach XM322 (E993	01)		
Program Elements for Code B Items:		Code:		Other R	Related Progran	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					1816	5					1816
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 M322 Demolition Kit, Rapid Wall Breach, is a man-portable demolition kit that rapidly creates a 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. This line also funds two training items. The M324 is an inert training device used to train soldiers in the use of the kit. The M323 uses a detonation cord in place of the shape charge and can make holes in plywood target walls that simulate masonry walls for unit training. These items are code A approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$7.5 million) procures 1,600 wall breaching kits and associated training deices for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: Standard Nov 2004

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ar	nmunitio			omenclature: Rapid Wall Breacl	h XM322 (E9930	1)	Weapon Syste	em Type:	Date:	February 2007
AMMO		ID	"	FY 05			FY 06	4		FY 07	
Cost Elements	}	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 2007 BASE APPROPRIATION											
HARDWARE											
M322 TACTICAL RWBK									668	216	3.
M323 COLLECTIVE TRAINER									281	100	2.
M324 INERT TRAINER									160	50	3.
Subtotal Hardware									1109)	
PROGRAM SUPPORT											
Production Engineering									915	5	
Subtotal Program Support									915	5	
NON-RECURRING COSTS											
Physical Configuration Audit									376	5	
Subtotal Non-Recuring Costs									376		
SUBTOTAL BASE APPROPRIATION									2400)	
FY 2007 MAIN SUPPLEMENTAL REQUEST											
HARDWARE											
M322 TACTICAL RWBK									4944		3.
M323 COLLECTIVE TRAINER									1405		2.5
M324 INERT TRAINER									303		3.
Subtotal Hardware									6652	2	
PROGRAM SUPPORT											
Production Engineering									848		
Subtotal Program Support									848		
SUBTOTAL SUPPLEMENTAL APPROP	RIATION								7500)	
Total:									9900		

Exhibit P-5a, Budget Procureme	ent History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:	P-1 Line Item Demolition K	Nomenclature: it, Rapid Wall Breach XM32	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 \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2007 BASE APPROPRIATION										
M322 TACTICAL RWBK										
FY 2007	Ensign Bickford Inc Simsbury, CT	SS/FP	Picatinny, NJ	Apr 07	Apr 08	216	3.1	Y		
M323 COLLECTIVE TRAINER										
FY 2007	Ensign Bickford Inc Simsbury, CT	SS/FP	Picatinny, NJ			100	2.8	Y		
M324 INERT TRAINER										
FY 2007	Ensign Bickford Inc Simsbury, CT	SS/FP	Picatinny, NJ	Apr 07	Apr 08	50	3.2	Y		
FY 2007 MAIN SUPPLEMENTAL REQUEST										
M322 TACTICAL RWBK										
FY 2007 (S)	Ensign Bickford Inc Simsbury, CT	SS/OPT/FP	Picatinny, NJ	Jun 07	Jun 08	1600	3.1	Y		
M323 COLLECTIVE TRAINER										
FY 2007 (S)	Ensign Bickford Inc Simsbury, CT	SS/OPT/FP	Picatinny, NJ	Jun 07	Jun 08	500	2.8	Y		
M324 INERT TRAINER										
FY 2007 (S)	Ensign Bickford Inc Simsbury, CT	SS/OPT/FP	Picatinny, NJ	Jun 07	Jun 08	95	3.2	Y		

		I	FY 07 /	08 BU	DGET	ΓPRO	ODUC	CTIO	N SCI	HEDU	JLE			P-1 ITEI Demoliti				h XM32	22 (E993	301)			Dat	e:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal	Year 07	1	I									Fiscal Y	Zear 08						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year (7								Caler	ndar Ye	ar 08				
F R	FY	R	Each	TO 1 OCT	AS OF 1 OCT	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 U	S E	Later
3.6	222 57 4 6	TICAL	DWDW			T	V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	
	322 TAC	1	216	1 0	216		1																	0.5	100	31				0
	FY 07	A										A												85	100		150	150	150	
	FY 07 322 TAC	A	1600	0	1600									A												119	150	150	150	1031
IVI.	522 TAC	TICAL	KWBK	1			l		T	l																1				1
			1																											
			1																											
			-																											
-																														
To	tal	1	1816		1816																			85	100	150	150	150	150	1031
						O C T	N O V	D E C	J A	F E	M A	A P	M A Y	J U	J U	A U	S E P	O C T	N O V	D E	J A	F E	M A	A P R	M A	J U	J U	A U	S E	
						1	v	C	N	В	R	R	Y	N	L	G	P	1	V	С	N	В	R	K	Y	N	L	G	P	
N]							PRODU	JCTION :	RATES						Α	DMIN I	EAD T	IME		MFR		TOTA	AL.	REMA	RKS				
F											Read	ched M	FR			Pri	or 1 Oct	After	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R			Nan	ne - Locati	on		1	MIN	1-8-5	MAX	D	+	1 In	itial			6		7		15		22							
1	Ensig	n Bickfo	ord Inc, Si	msbury, C	T			50	150	300			Re	eorder			6		6		12		18							
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		F	FY 09 /	10 BU	DGE	Γ PR(ODUC	TIO	N SCI	HEDU	JLE			P-1 ITEN Demoliti				h XM32	22 (E993	301)			Dat	e:	Februa	ry 2007				
	C	OST	ELEM	IENTS							Fiscal '	Year 09											Fiscal Y	ear 10						
	1		1	ı	1				1																					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	9								Cale	ıdar Ye	ar 10				
F R		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
M.	322 TAC	TICAL	RWBK	•		•		•	•				•																•	
1	FY 07	A	216	216																										0
1	FY 07	A	1600	569	1031	150	150	150	150	150	150	131																		0
M.	322 TAC	TICAL	RWBK																											
То	tal	ı	1816	785	1031	150	150	150	150	150	150	131																		
					•	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	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	1						I	PRODU	CTION	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA	RKS				
F											Reac	hed M	FR			Pric	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R			Nam	ne - Locati	on		N	MIN	1-8-5	MAX	D-	+	1 Ini	tial			6		7		15		22							
1	Ensign	n Bickfo	ord Inc, Si	msbury, C	T			50	150	300			Re	order			6		6		12		18							
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Exhibit P-40, Budget Item	Justification	Sheet						Date:	E-1 2007	
Appropriation / Budget Activity / Seria	al No:			P_1	Item Nomencla	ature			February 2007	
Procurement of Ammunition, Army						ES, ALL TYPES (E34	4000)			
Program Elements for Code B Items:		Code:	Other I	Related Program	Elements:					
	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				57.9						57.9
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				57.9						57.9
Initial Spares										
Total Proc Cost				57.9						57.9
Flyaway U/C										
Weapon System Proc U/C										

FY 2007 Base Appropriation FY 2007 Title IX (Bridge) Appropriation FY 2007 Main Supplemental Request FY 2007 Total \$ 55.9 Million \$ 0.0 Million \$2.0 Million \$57.9 Million

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Arm	nmunitio			menclature: L TYPES (E340)	00)		Weapon Syste	em Type:	Date:	February 2007
AMMO		ID		FY 05			FY 06	•		FY 07	
Cost Elemen	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
E31900 Fuze Grenade Hand Prac M228									21407	5098	4
E32000 Grenade Hand Frag Delay M67									15230	365	42
E34001 Grenade Hand Smoke Green M18									4391	1 65	
E34002 Grenade Hand Smoke Yellow M18									4359	86	
E34003 Grenade Hand Smoke Red M18									2317	7 39	
E34004 Grenade Hand Smoke Violet M18									1745	5 26	60
E69300 Grenade Hand Smoke Tng M83									6487	7 137	47
Subtotal Basic Appropriation									55936	6	
FY 2007 MAIN SUPPLEMENTAL REQUEST											
E33700 Grenade, Hand Smoke HC AN-M8									2000)	
Subtotal Supplemental Appropriation									2000	o	
Total:									57930	6	

Exhibit P-40, Budget Item	Justification	Sheet					I	Date:		
Lamon 1 40, Budget Item	Justification								February 2007	
Appropriation / Budget Activity / Seri Procurement of Ammunition, Army				P-1	Item Nomencla GRENADE	ature HAND SMOKE HO	C AN-M8 (E33700)			
Program Elements for Code B Items:		Code:		Related Program	Elements:					
	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				2.0						2.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				2.0						2.0
Initial Spares										
Total Proc Cost				2.0						2.0
Flyaway U/C										
Weapon System Proc U/C										
The AN-M8 is a hand-thrown grenade approved for service use. Justification: This is a way receive item. Due to the								_		
This is a war reserve item. Due to the smoke mixture. The reformulated gren							llion) will be us	ed to qualify a	more environmen	tally friendly

Exhibit D 40 Pudget Item	Instification	Chast					1	Date:		
Exhibit P-40, Budget Item	Justineation	Sneet						Date.	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /	al No:			P-1	Item Nomencla SIGNALS,	ature ALL TYPES (E4690	00)			
Program Elements for Code B Items:		Code:	Other 1	Related Program	Elements:					
	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				190.2						190.2
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				190.2						190.2
Initial Spares										
Total Proc Cost				190.2						190.2
Flyaway U/C										
Weapon System Proc U/C										
This budget line includes Signals, All 7 FY 2007 Base Appropriation FY 2007 Title IX (Bridge) Appropriati FY 2007 Main Supplemental Request FY 2007 Total	\$ on \$	26.3 Million \$ 0.0 Million 163.9 Million 190.2 Million								

Exhibit P-5, Weapon AMMO Cost Analysis Appropriation/Budge Procurement of An	et Activity/Serial No: nmunition, Army / 1 / Ammuniti			menclature: TYPES (E46900))		Weapon Syste	em Type:	ate:	February 2007
AMMO	ID		FY 05			FY 06			FY 07	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION										
E62900 SMOKE POT PRACTICE M8								1938	3	646
E46400 SIG ILLUM GND RS CLUSTER M158								1527	28	55
E46500 SIG ILLUM GND WS CLUSTER M159								1768	32	55
E46800 SIG ILLUM GND WS PARA M127A1								3014	55	
E47000 SIG ILLUM GND GS CLUSTER M125A1								2596	50	52
E48300 SIG ILLUM GND GS PARA M195								257	4	64
E49100 FLARE ACFT CNTRMEASURE M206								47		
E49200 FLARE SURFACE TRIP M49								2153	50	43
E88800 FLARE ACFT CNTRMEASURE M212								6478	37	152
E88900 FLARE, ACFT CNTRMEASURE, M211								6500	54	120
Subtotal FY 2007 Base Appropriation								26278		
FY 2007 MAIN SUPPLEMENTAL REQUEST										
E74700 SIGNAL KIT MK135								5000	34	147
E49100 FLARE ACFT CNTRMEASURE M206								16200	698	23
E57600 CTG, 25.4MM DECOY M839								300		
E57700 IMPULSE CARTRIDGE FOR FLARES M796								3900	1389	3
E88800 FLARE ACFT CNTRMEASURE M212								80300	530	152
E88900 FLARE, ACFT CNTRMEASURE, M211								58200	558	104
Subtotal FY 2007 Main Supp. Request								163900		
Total:								190178		

Exhibit P-40, Budget Iter	m Justification	Sheet						Date:		
Limbie 1 10, Budget 1ter									February 2007	
Appropriation / Budget Activity / Se Procurement of Ammunition, Arr				P-1	Item Nomencla FLARE A/O	ature C COUNTERMEAS	URES M206 (E49)	00)		
Program Elements for Code B Items	5:	Code:		er Related Program	Elements:					
	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				698						698
Gross Cost				16.2						16.2
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				16.2						16.2
Initial Spares										
Total Proc Cost				16.2						16.2
Flyaway U/C										
Weapon System Proc U/C										
Description:										

The M206 Infrared Countermeasure Flare is dispensed from aircraft in combination with M211 and M212 Infrared Countermeasures flares to decoy heat-seeking missiles. It is used with ALE-47 dispensers on cargo planes and helicopters. This item is code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$16.2 million) procures an additional 698,000 flares for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations

TYPE CLASSIFICATION DATE: 1978 - Standard

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Arm	mmunitio			menclature: UNTERMEASUF	RES M206 (E4910	00)	Weapon Syste	em Type:	Date:	February 2007
AMMO		ID	1	FY 05			FY 06			FY 07	
Cost Elemen	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING									4	7	
SUBTOTAL PRODUCTION SUPPORT									4	7	
FY 2007 MAIN SUPPLEMENTAL APPROPRIAT	ION										
HARDWARE											
COMPLETE FLARE									1578	698	2
HARDWARE SUBTOTAL									1578	3	
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING									40	6	
QUALITY ASSURANCE									1	1	
PROD SUPPORT SUBTOTAL									41	7	
Total:									1624	7	2:

Exhibit P-5a, Budget Procurement	History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: COUNTERMEASURES M206	(E49100)						
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 2007 MAIN SUPPLEMENTAL APPROPRIATION COMPLETE FLARE										
FY 2007	ARMTEC COUNTERMEASURES CORP CAMDEN, AR	C/OTHER	Rock Island, IL	Jun 07	Jun 08	384	22	Y		
FY 2007	ALLIANT KILGORE TOONE, TN	C/OTHER	Rock Island, IL	Jun 07	Jun 08	314	23	Y		

REMARKS: FY07 supplemental exceeds the available option quantity on the existing competitively awarded contracts. The Army will pursue a modification to the existing contracts. Estimated contract price for multiple producers.

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256	32	32	32	32													A									384	0	384	A	FY 07 S	1
210	26	26	26	26									+				A									314	0	314	A	FY 07	2
250	50	50	50	50	50	50	50			_	+	+	+		+-					A						600	0	600	AF	S FY 07	2
294	58	58	58	58	58	58	58				_	+	+		+					Α						700	0	700	AF	FY 07	_
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		F	FY 09 /	10 BU	DGE	Γ PR(ODUC	CTIO	N SCI	HEDU	LE				M NOMI A/C COI			RES M2	206 (E49	100)			Dat	e:	Februa	ary 2007				
	C	OST	ELEM	IENTS							Fiscal Y	ear 09	•										Fiscal Y	Zear 10						
		1	1	I	1			- 1													1									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year ()9								Cale	ndar Ye	ar 10				
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 FLAF	RE								•															,				
	FY 07	A	384	128	256	32	32	32	32	32	32	32	32																	0
	S FY 07	A	314	104	210	26	26	26	26	26	26	26	28														 			0
	S																									<u> </u>	<u> </u>	<u> </u>		
-	FY 07	AF	600	350		50		50	50	50																	<u> </u>			0
1	FY 07	AF	700	406	294	58	59	59	59	59																	├─	 		0
																											 			
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M							1	PRODU	CTION	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL.	REMA	RKS				- 1
F											Reacl	ned MI	FR			Pric	or 1 Oct	After	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
R			Nam	ne - Locati	on		N	MIN	1-8-5	MAX	D+	- 1	Init	ial			9		7		18		25							
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Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /					P-1	Item Nomencla CTG 25.4M	ature IM DECOY M839 F	/M130 FLARE DI	SP (E57600)		
Program Elements for Code B Items:		Code:	1	Other R	Related Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty											
Gross Cost					0.3						0.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					0.3						0.3
Initial Spares											
Total Proc Cost					0.3						0.3
Flyaway U/C											
Weapon System Proc U/C											
Description:	•		•		•	•	•	•	•		

The M839 is a chaff dispenser used to spoof radar guided anti-aircraft missiles.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$0.3 million) will fund a technical data package update allowing the a buy to proceed in FY 2008 for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army					P-1	Item Nomencla CTG IMPU	ature JLSE M796 F/FLAR	E M206 (E57700)			
Program Elements for Code B Items:		Code:		Other R	Related Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					1389						1389
Gross Cost					3.9						3.9
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					3.9						3.9
Initial Spares											
Total Proc Cost					3.9						3.9
Flyaway U/C											
Weapon System Proc U/C											

The M796 Impulse Cartridge is used to ignite and expel the M206, M211 and M212 Infrared Countermeasure Flare from the ALE-47 dispenser. This item is procured to a performance specification. This item is code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$3.9 million) procures an additional 1.4 million rounds for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations

The Air Force BBU-35 impulse cartridge meets or exceeds all Army requirements and will be procured when a joint buy results in an economic advantage to the Government.

TYPE CLASSIFICATION DATE: 1970's

Exhibit P-5, Weapon AMMO Cost Analysis Appropriation Procurement	/Budget Activity/Serial No: t of Ammunition, Army / 1 / Ammuniti			menclature: M796 F/FLARE I	M206 (E57700)		Weapon Syste	em Type:	Date:	February 2007
AMMO	ID		FY 05			FY 06			FY 07	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 MAIN SUPPLEMENTAL REQUEST										
HARDWARE										
IMPULSE CARTRIDGE M796/BBU 35								3543	1389	2.550
Subtotal Hardware								3543	3	
PRODUCTION SUPPORT										
PRODUCTION ENGINEERING								351		
QUALITY ASSURANCE								6	5	
Subtotal Program Support								357	,	
Total:								3900		2.807

Exhibit P-5a, Budget Procurement	History and Planning							Date: February	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: SE M796 F/FLARE M206 (E57	7700)						
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
IMPULSE CARTRIDGE M796/BBU 35 FY 2007 (S)	Technical Ordnance Clear Lake, SD	SS/OPT	HILL AFB, UT	Jun 07	Jun 08	1389	2.55	S Y		

REMARKS: FY07 will be a priced option to the FY06 contract for BBU-35 awarded by the USAF.

		F	'Y 07 /	08 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITE CTG IM	M NOMI IPULSE I			M206 (1	E57700)	1			Dat	te:	Februa	ary 2007				
	C	OST	ELEN	1ENTS	}						Fiscal	Year 07	,										Fiscal Y	Year 08	1					
		T ~	Tanca	Lagran					ı												ı									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year (07								Cale	ndar Ye	ar 08				
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M								PRODU	ICTION :	RATES						A	DMIN L	EAD T	IME		MFR		TOTA	AL	REMA	RKS				1
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		F	'Y 09 /	10 BU	DGE	Γ PR(ODUC	CTIO	N SCI	HEDU	LE				M NOMI PULSE			M206 (I	E57700))			Dat	e:	Februa	ry 2007				
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R			Nan	ne - Locati	on		N	MIN	1-8-5	MAX	D+	- 1	Ini	tial			6		7		18		25							
1	Techni	cal Ord	nance, Cl	lear Lake,	SD			120	300	750			Re	order			6		9		12		21							
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Item No. 29 Page 13 of 27 41 Exhibit P-21 Production Schedule

Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army					P-1	Item Nomencla SIGNAL K	ature IT MK 135 MOD 1	(E74700)			
Program Elements for Code B Items:		Code:		Other R	Related Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					34						34
Gross Cost					5.0						5.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					5.0						5.0
Initial Spares											
Total Proc Cost					5.0						5.0
Flyaway U/C											
Weapon System Proc U/C											

The MK135 signal set is a set of seven small (pen-sized) multi-colored hand held flares. Originally used as distress flares for downed air crews, the pen flare is being used in theater as a warning device giving troops additional escalation of force capability. The flares have an average burn time of 4.5 seconds with an intensity of 5,000 to 11,000 candle power. This item is code B, approved for use by contingency forces but not for general service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$5.0 million) procures an additional 34,000 flare kits for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: Around 1960 by USN

This is a new start for the Army.

Exhibit P-5, Weapon AMMO Cost Analysis	ppropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Am	munitio			menclature: X 135 MOD 1 (E'	74700)		Weapon Syste	em Type:	Date:	February 2007
AMMO		ID	•	FY 05			FY 06	•		FY 07	
Cost Elements		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
Complete Flare Kit									3433	34	100
SubTotal Hardware									3433		
Production Support Costs											
Production Engineering (USN)									50		
Quality Assurance									7	,	
Acceptance Testing									153		
SubTotal Prod. Support									210		
NONRECURRING COSTS											
Material Changes									700		
Producibility Engineering									257	1	
Materiel Release									300		
First Article Testing									100		
SubTotal COST - Nonrecurring									1357		
Total:									5000		147

Exhibit P-5a, Budget Procurement	t History and Planning							Date: February	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			_							
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 Flare Kit FY 2007 (S)	To Be Selected	C/FP	Rock Island, IL	Feb 08	Jan 09	34	100) N		

		F	Y 09 /	10 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	JLE			P-1 ITEN SIGNAL				274700)					Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS	}						Fiscal '	Year 09)										Fiscal Y	Year 10	1					
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Con	nplete F	lare Kit												•																
	FY 07 S	A	34	34	34				2	3	3	3		3 3	3	3	3	3	3	2										0
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R			Nam	ne - Locati	on		1	MIN	1-8-5	MAX	D-	+	1 In	itial			6		5		11		16							
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Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /					P-	1 Item Nomen FLARE,	clature AIRCRAFT, COUNT	ERMEASURE, M2	212 (E88800)	Teoruary 2007	
Program Elements for Code B Items:		Code:		Other F	Related Prograr	n Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					56	7					567
Gross Cost					86.	3					86.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					86.	3					86.8
Initial Spares											
Total Proc Cost					86.	3					86.8
Flyaway U/C											
Weapon System Proc U/C											

The M212 Aircraft Countermeasure Flare is dispensed from aircraft in combination with M206 and M211 Infrared Countermeasure flares, to decoy heat-seeking missiles. It is used with ALE-47 dispensers on cargo planes and helicopters. This item is code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$80.3 million) procures an additional 530,000 flares for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: November 2002 - Standard

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Arm	nmunitio			menclature: AFT, COUNTER	MEASURE, M21	2 (E88800)	Weapon Syste	em Type:	Date:	February 2007
AMMO		ID	•	FY 05			FY 06	•		FY 07	
Cost Elemen	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
Hardware											
Complete Flare									5666	37	151
SubTotal AMMO Hardware									5666		
Production Support Costs											
Production Engineering									812		
SubTotal Prod. Support									812	;	
FY 2007 MAIN SUPPLEMENTAL REQUEST											
Hardware											
Complete Flare (Suppl)									80300	530	151
SubTotal Supplemental Hardware									80300		
Total:									86778		153

Exhibit P-5a, Budget Procureme	nt History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: CRAFT, COUNTERMEASUR	RE, M212 (E888	00)		1			
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
Complete Flare FY 2007	To Be Selected	C/FP	Picatinny, NJ	Jul 07	Jun 08	37	151	Y		
Complete Flare (Suppl) FY 2007 (S)	To Be Selected	C/OPT	Picatinny, NJ	Sep 07	Jul 08	530	151	Y		

		F	Y 07 /	08 BU	DGE	Γ PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEI FLARE,				RMEAS	URE, M	212 (E88	3800)		Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS	;						Fiscal `	Year 07	7	<u> </u>									Fiscal Y	Year 08	3					
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Cor	nplete F	lare																		•										
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Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /					P-1	Item Nomencle FLARE, IN	ature NFRARED, COUNTI	ERMEASURE, M2	11 (E88900)		
Program Elements for Code B Items:		Code:		Other R	Related Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					612						612
Gross Cost					64.7						64.7
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					64.7						64.7
Initial Spares											
Total Proc Cost					64.7						64.7
Flyaway U/C											
Weapon System Proc U/C											

The M211 Infrared Countermeasure Flare is dispensed from aircraft in combination with M206 and M212 Infrared Countermeasures flares to decoy heat-seeking missiles. It is used with ALE-47 dispensers on cargo planes and helicopters. This item is code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$58.2 million) procures an additional 558,000 flares for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: November 2002 - Standard

Exhibit P-5, Weapon AMMO Cost Analysis Appropriation/Budget Acti Procurement of Ammunic	vity/Serial No: tion, Army / 1 / Ammuniti		Line Item No ARE, INFRAI		MEASURE, M21	1 (E88900)	Weapon Syste	em Type:	Date:	February 2007
AMMO	ID		FY 05			FY 06			FY 07	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION										
Hardware										
Complete Flare								5610	54	104
SubTotal AMMO Hardware								5610		
Production Support Costs										
Production Engineering								390		
SubTotal Prod. Support								390		
Non Recurring Costs										
Prod Verification /First Article Tests								500		
SubTotal Non Recurring Costs								500		
FY 2007 MAIN SUPPLEMENTAL REQUEST										
Hardware										
Complete Flare (Suppl)								58200	558	104
Sub Total Supplemental Appropriation								58200		
Total:								64700		109

Exhibit P-5a, Budget Procureme	nt History and Planning							Oate: Tebruary 2	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: RARED, COUNTERMEASUR	RE, M211 (E889	00)					
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 Flare FY 2007	Alloy Surfaces Chester Twp., PA	SS/FP	Picatinny, NJ	Mar 07	Apr 08	54	104	Y		
Complete Flare (Suppl) FY 2007 (S)	Alloy Surfaces Chester Twp., PA	SS/FP	Picatinny, NJ	Jun 07	Aug 08	558	104	Y		

		F	FY 07 /	08 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	JLE			P-1 ITEN FLARE,				RMEAS	URE, M	211 (E8	8900)		Dat	te:	Februa	ry 2007				
	CO	OST	ELEM	IENTS	}						Fiscal `	Year 07	,										Fiscal Y	Year 08						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year (7								Cale	ndar Ye	ar 08				
	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	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U	A U G	S E P	Later
Comr	olete Fl	are				1	v	C	IN	Б	K	K	1	IN	L	u	r	1	V	C	IN	Б	K	K	1	IN	L	u	r	
1 F		A	54	0	54						A													10	11	11	11	11		0
_		AF	167								A													40		39	39			0
		are (Su	ippl)		I		I						1	1																l
1 F		A	558	0	558									A														29	50	479
Total			779		779																			50	50	50	50	50	50	479
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
								DDODI	ICTION	D A TEC							DAMA	EADT	m æ		MED		тот	A T	DEMA	DIZC				- 1
M F								PRODU	JCTION 1	KATES	Reac	hed M	FR				DMIN I or 1 Oct		r 1 Oct		MFR ter 1 Oct		TOTA After 1		REMA FY200	7 produc	ction wil	l begin a	t the co	nclusion
R			Nam	ne - Locati	on		١,	MIN	1-8-5	MAX				tial		111	5		9	7111	12		21		of the l		supplem	ental bu	y. Lead	times do
_	Allov S	Surfaces		Twp., PA				5	12	80		•	-	order			5		6		13		19		not app	ny.				
	inoy b	ourrace.	s, chester	1 wp., 11	•									itial			3	1	0		1.5	-	19							
													-	order																
														itial																
														order											1					
H														itial				+							1					
-														order				+							1					
											+	\dashv		itial								-			1					
-													<u> </u>	ordor											1					

		F	FY 09 /	10 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	ILE			P-1 ITEM FLARE, I				RMEAS	URE, M	211 (E8	8900)		Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS	}						Fiscal '	ear 09	,										Fiscal Y	Year 10						
М		S E	PROC QTY	ACCEP PRIOR	BAL DUE								•	Calendar	Year 0	9								Cale	ndar Ye	ar 10				
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
Co	mplete F	lare	ı	Į.	Į.	Į		l						<u> </u>									I.		l					I
1	FY 07	A	54	54																										0
1	FY 07	AF	167	167																										0
Co	mplete F	lare (Su	ippl)	•			•																•	•		•				•
1	FY 07	A	558	558	479	50	50	50	50	50	50	50	50	50	29															0
_																														
To	tal		779	779	479	50	50	50	50	50	50	50	50	50	29															
			·			O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	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							- '									
M								PRODU	CTION	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA	RKS				•
F												hed MI	FR			Prio	or 1 Oct	Afte	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
R				ne - Locati			1	MIN	1-8-5	MAX	D-	- 1	Init	ial			5		9		12		21							
1	Alloy	Surface	s, Chester	Twp., PA	1			5	12	80			Rec	order			5		6		13		19							
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	1												Init												-					
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Exhibit P-40, Budget Item	Justification	Sheet						Date:	February 2007	
Appropriation / Budget Activity / Seri. Procurement of Ammunition, Army /				P-1	Item Nomencla SIMULATO	ature ORS, ALL TYPES (E51200)			
Program Elements for Code B Items:		Code:	Other	Related Program	Elements:					
	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				22.7						22.7
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				22.7						22.7
Initial Spares										
Total Proc Cost				22.7						22.7
Flyaway U/C										
Weapon System Proc U/C										
D 1.0										

This budget line includes Simulators, All Types.

FY 2007 Base Appropriation - \$10.7 Million FY 2007 Title IX (Bridge) Appropriation - \$ 0.0 Million FY 2007 Main Supplemental Request - \$12.0 Million FY07 Total - \$22.7 Million

Exhibit P-5, Weapon AMMO Cost Analysis Appropriat Procuren	ion/Budget Activity/Serial No: nent of Ammunition, Army / 1 / Ammunit		1 Line Item No MULATORS,	omenclature: ALL TYPES (E5	1200)		Weapon Syste	em Type:	Date:	February 2007
AMMO	ID		FY 05			FY 06			FY 07	
Cost Elements	CD	Total Co	st Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION										
E88000 SIMULATOR TARGET HIT M25								416	5 12	34
E48400 SIMULATOR PROJ AIRBURST M74								2217	43	52
E49700 SIMULATOR PROJ GND BURST M115A2								2013	111	13
E49900 SIMULATOR BOOBY TRAP FLASH M117								716	5 17	42
E5000 SIMULATOR BOOBY TRAP ILLUM M118								778	18	4.
E50100 SIMULATOR BOOBY TRAP WHIST M119								1021	32	32
E50200 SIMULATOR HAND GRENADE M116A1								1427	97	1:
F01000 SIMULATOR MAIN TANK GUN M30								1292	288	4
F01100 SIMULATOR DIR/INDIR FIRE CUE M31								868	54	10
Subtotal Base Appn								10748	3	
FY 2007 MAIN SUPPLEMENTAL REQUEST										
E49700 SIMULATOR PROJ GND BURST M115A2								5000	308	10
E49900 SIMULATOR BOOBY TRAP FLASH M117								4000	166	24
E50100 SIMULATOR BOOBY TRAP WHIST M119								3000	124	24
Subtotal Supplemental Appropriation								12000		
Total:								22748		

Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seri Procurement of Ammunition, Army					P-1	Item Nomencla SIMULATO	ature OR PROJ GND BUR	ST M115A2 (E49	700)		
Program Elements for Code B Items:		Code:		Other Re	elated Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					419						419
Gross Cost					7.0						7.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					7.0						7.0
Initial Spares											
Total Proc Cost					7.0						7.0
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:

This is a training unique item not used in combat. Procurement supports annual training and builds a depot level in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$5.0 million) procures an additional 308,000 simulators in support of unforecasted ammunition requirements for the Global War on Terror (GWOT). This requirement supports predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 1960'S

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ar	nmunitio			menclature: ROJ GND BURS	Γ M115A2 (E497	00)	Weapon Syste	em Type:	Date:	February 2007
AMMO		ID	•	FY 05			FY 06	•		FY 07	
Cost Element	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
HARDWARE											
COMPLETE ROUND									1807	7 111	16
Subtotal Hardware									1807	7	
PRODUCTION SUPPORT											
Production Engineering									199	9	
Quality Assurance									7	7	
SubTotal Production Support									200	5	
FY 2007 MAIN SUPPLEMENTAL REQUEST											
HARDWARE											
COMPLETE ROUND									5000	308	16
SubTotal Supplemental Appropriation									5000)	
Total:									7013	3	17

Exhibit P-5a, Budget Procureme	ent History and Planning							oate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: 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?	Revsn	RFP Issue Date
FY 2007 BASE APPROPRIATION COMPLETE ROUND FY 2007 FY 2007 MAIN SUPPLEMENTAL REQUEST	Pyrotechnique by Grucci Inc Radford, VA	C/OPT	Rock Island IL	Mar 07	Mar 08	111	16	Y		
COMPLETE ROUND FY 2007 (S)	C/OPT	Rock Island IL	Jun 07	Jun 08	308	16	Y			

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		1	1 0//	UO DU	DGE.	I PK(JDUC	.110	N SCI	TEDU	LL			SIMUL				T M115	A2 (E49	9700)			Dui		Februa	ry 2007				
	C	OST	ELEM	IENTS)						Fiscal `	Year 0'	7										Fiscal Y	7ear 08						
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M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year ()7								Caler	ıdar Ye	ar 08				
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	•												1															•
	FY 07 S	A	308	0	308									A												4	40	40	40	184
1	FY 07	A	111	0	111						A												20	25	30	36				0
-													-																	
-																														
Tota	al		419		419	0			,	ъ				,				0	N.	ъ.			20	25	30	40	40	40	40	184
						C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	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						A	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA	RKS				1
F											Reac	hed N	IFR			Prio	or 1 Oct	After	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
R			Nam	ne - Locati	on		1	MIN	1-8-5	MAX	D-	+	1 I	nitial			11		7		18		25							
1	Pyrote	chnique	e by Gruce	ci Inc, Rac	lford, VA	1		20	40	50			_	eorder			11		6		12		18							
													-	nitial																
														eorder																
												=	-	eorder				1							-					
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									-	eorder				1							1									

Item No. 30 Page 6 of 17 35

Exhibit P-21 Production Schedule

		— <u> </u>	FY 09 /	′ 10 BU	DGE	Γ PRO	ODUC	CTIO!	N SCI	HEDU	LE			P-1 ITE									Dat	te:						
														SIMUL	ATOR P	ROJ GN	D BURS	T M115	5A2 (E49	9700)						ry 2007				1
	C	OST	ELEM	IENTS	}						Fiscal `	Year 0	9										Fiscal Y	Year 10	1					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year ()9								Caler	ndar Ye	ar 10				-
F	FY	R	x1000		AS OF	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	_
R	11	V	X1000	1 OCT	1 OCT	C T	O V	E C	A N	E B	A R	P R	A Y	U	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	Later
Cor	nplete R	ound																												
	FY 07 S	A	308	124	184	40	40	40	40	24																				0
1	FY 07	A	111	111																			l							0
		<u> </u>																					<u> </u>	<u> </u>						
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Tot	al		419	235	184		40	40	40	24			-				_				_	_		<u> </u>				<u> </u>		
						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	CTION :	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA	RKS				
F											Reac	hed N	1FR			Pri	or 1 Oct	Afte	r 1 Oct	Af	ter 1 Oct		After 1	Oct						
R			Nam	ne - Locati	on		1	MIN	1-8-5	MAX	D-	+	1 1	nitial			11		7		18		25							
1	Pyrote	chnique	e by Gruce	ci Inc, Rac	lford, VA			20	40	50]	Reorder			11		6		12		18							
]	nitial																
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Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seri Procurement of Ammunition, Army					P-1	Item Nomencla SIMULATO	ature OR BOOBY TRAP I	FLASH M117 (E49	900)		
Program Elements for Code B Items:		Code:		Other Re	elated Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					183						183
Gross Cost					4.7						4.7
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					4.7						4.7
Initial Spares											
Total Proc Cost					4.7						4.7
Flyaway U/C											
Weapon System Proc U/C											

The M117 Booby Trap Simulator is a hand-emplaced pyrotechnic device that is used to provide realistic battlefield effects in training. It is set using a trip wire or pressure release device and when triggered produces flash and bang that simulates an explosive device. This item is code A, approved for service use.

Justification:

This is classified as a training unique device, not designed for used in combat. While designed as a training device, soldiers in theater are using this item as an early warning device for perimeter security. The FY 2007 Supplemental (\$4.0 million) will procure an additional 166,000 simulators to support mobilization and pre-deployment training, contingency operations, and the global war on terrorism.

TYPE CLASSIFICATION DATE: 1960's

Exhibit P-40

Budget Item Justification Sheet

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ar	nmunitio			menclature: OOBY TRAP FL	ASH M117 (E499	900)	Weapon Syste	em Type:	Date:	February 2007
AMMO		ID	•	FY 05			FY 06			FY 07	
Cost Elemen	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASIC APPROPRIATION											
HARDWARE											
Complete Round									413	5 17	24
Subtotal Hardware									41:	5	
PRODUCTION SUPPORT											
Production Engineering									294	4	
Quality Assurance										7	
Subtotal Production Support									30	1	
FY 2007 MAIN SUPPLEMENTAL REQUEST											
HARDWARE											
Complete Round (Suppl)									4000	166	24
Subtotal Supplemental Appropriation									4000	0	
Total:									4710	6	2:

Exhibit P-5a, Budget Procureme	nt History and Planning							Oate: Sebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: R BOOBY TRAP FLASH M11	7 (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
Complete Round FY 2007	L3 - Bulova Technologies Lancaster, PA	C/OPT	Rock Island, IL	Mar 07	Dec 07	17	24	. Y		
Complete Round (Suppl) FY 2007 (S)	C/OPT	Rock Island, IL	Jun 07	Mar 08	166	24	Y			

		F	FY 07 /	08 BU	DGET	ΓPRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN				ASH M	117 (E4	9900)			Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS	}						Fiscal Y	Year 07	,										Fiscal Y	Year 08						
			T	I	T				1																					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year ()7								Caler	ndar Ye	ar 08				
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
_	nplete R	lound		•																				•						•
1	FY 07	A	17	0	17						A									5	5	7								0
	nplete R		Suppl)																											
	FY 07 S	A	166	0	166									A									15	20	20	20	20	20	20	31
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Tota	o1		183		183			 												5	5	7	15	20	20	20	20	20	20	31
100	aı		163		103	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A A	S	31
						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 :	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA	RKS				- 1
F											Reac	hed M	FR			Pric	or 1 Oct	After	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R			Nan	ne - Locati	on		1	MIN	1-8-5	MAX	D-	+	1 Ir	nitial			6		7		12		19							
1	L3 - B	ulova T	echnologi	ies, Lanca	ster, PA			5	20	30			R	eorder			6		6		9		15							
													Ir	nitial																
			-										R	eorder																
													Ir	nitial																
													R	eorder											1					
													Ir	nitial											1					
													R	eorder											1					
												Ir	nitial				1							1					ļ	
										R	eorder											1								

•		F	FY 09 /	10 BU	DGE'	ΓPRO	ODUC	CTIO	N SCI	HEDU	ILE			P-1 ITE	M NOMI			ΔSH M	1117 (FA	19900)			Dat	te:	Februa	ry 2007				
	C	OCT	ET EN	IENTS	,						Fiscal `	Vear O	9	SINICL	ATOK D	ООВТ	IKAI II	ZASII W	1117 (124	19900)			Fiscal Y	Vear 10		1y 2007				
	C	081	ELEN.	IENIS	•						1 10001		-											20						
М		S E	PROC QTY	ACCEP PRIOR										Calenda	ır Year ()9								Cale	ndar Ye	ar 10				
F	FY	R	x1000	ТО	AS OF	0	N	D	J	F	M	A	M	J	J	A	S	О	N	D	J	F	M	A	M	J	J	A	S	
R		V		1 OCT	1 OCT	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	Later
Co	mplete R	ound	•	•		•	•		•					•	•	•			•	•			•		•			•		
1	FY 07	A	17	17																										0
	mplete R	ound (S	Suppl)																											
	FY 07 S	A	166	166	31	20	11																							0
			1																											
Tot	al		183	183	31	20	11																							
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U L	A U G	S E P	O C T	N O V	D E C	J A N	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	1FR			Pri	or 1 Oct	Afte	r 1 Oct	Af	ter 1 Oct		After 1	Oct						
R			Nan	ne - Locati	ion			MIN	1-8-5	MAX	D-	+	1 I	nitial			6		7		12		19							
1	L3 - B	ulova T	echnolog	ies, Lanca	ster, PA			5	20	30			I	leorder			6		6		9		15							
													I	nitial																
													I	leorder																
													I	nitial																
													I	leorder																
													I	nitial																
													I	leorder																
													I	nitial																
													I	Reorder																

Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army					P-1	Item Nomencla	ature OR BOOBY TRAP	WHISTLING M11	9 (E50100)	Testairy 2007	
Program Elements for Code B Items:		Code:	.	Other R	Related Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					156						156
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											

Description:

The M119 Booby Trap Simulator is a hand-emplaced pyrotechnic device that is used to provide realistic battlefield effects in training. It is set using a trip wire or pressure release device and, when triggered, produces a loud whistling noise that simulates an explosive device. This item is code A, approved for service use.

Justification:

This is a training unique item not used in combat. While designed as a training device, soldiers in theater are using this item as an early warning device for perimeter security. Procurement supports annual training and builds a depot level in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$3.0 million) procures an additional 124,000 simulators in support of unforecasted ammunition requirements for the Global War on Terror (GWOT). This requirement supports predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 1960's

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / An	nmunitio			menclature: OOBY TRAP WI	HISTLING M119	(E50100)	Weapon Syste	m Type:	Date:	February 2007
AMMO		ID	•	FY 05			FY 06	•		FY 07	
Cost Elemen	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASIC APPROPRIATION											
HARDWARE											
Complete Round									79	1 32	25
Subtotal Hardware									79	1	
PRODUCTION SUPPORT											
Production Engineering									22	3	
Quality Assurance									,	7	
Subtotal Product Support									23	0	
FY 2007 MAIN SUPPLEMENTAL REQUEST											
HARDWARE											
Complete Round (Suppl)									300	0 124	24
Subtotal Supplemental Appropriation									300	0	
Total:									402	1	20

Exhibit P-5a, Budget Procureme	ent History and Planning							ate: ebruary	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	RFI Issu Date
FY 2007 BASIC APPROPRIATION										
Complete Round										
FY 2007	L3 - Bulova Tech Lancaster, PA	C/OPT	Rock Island, IL	Mar 07	Apr 08	32	25	Y		
Complete Round (Suppl)										
FY 2007 (S)	L3 - Bulova Tech Lancaster, PA	C/OPT	Rock Island, IL	Jun 07	Jul 08	124	24	Y		

														I																
		F	Y 07 /	08 BU	DGE	r PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITE				HISTLI	NG M11	19 (E501	00)		Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS							Fiscal Y	Year 0	7	II.									Fiscal Y	Year 08						
М		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year ()7								Cale	ndar Ye	ar 08				
F	FY	R	x1000		AS OF	0	N	D	J	F	M	A	N		J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	1
R		V		1 OCT		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	Later
Cor	nplete R	ound		I.												ı				L				ı						
1	FY 07	A	32	0	32						A													5	10	15	2			0
	nplete R	ound (S	Suppl)				,																				,			
	FY 07 S	A	124	0	124									A													12	15	15	82
_			+-																								$\vdash \vdash \vdash$			
			+																											
			<u> </u>																								igsquare	 		
,			<u> </u>										-														\longmapsto	 		
-			 										-													$\vdash \vdash \vdash$	$\vdash\vdash\vdash$	\vdash		
.			+-																											
			\vdash																											
Tot	al		156		156																			5	10	15	14	15	15	82
						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	
						1							<u> </u>										1	I	1		<u>. </u>			1
M								PRODU	ICTION 1	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL.	REMA	RKS				
F											Reac	hed N	1FR			Prio	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R			Nam	ne - Locati	on		1	MIN	1-8-5	MAX	D-	+	1	Initial			6		7		18		25							
1	L3 - B	ulova T	Tech, Lanc	aster, PA				5	20	30]	Reorder			6		6		13		19							
														Initial																
													1	Reorder																
														Initial																
	-										-	_	-+	Reorder				1							-					
											+	\dashv	F	Initial Reorder				+				_			1					
											+	-		Initial											1					
											+		F	Reorder				1							1					

		F	FY 09 /	10 BU	DGET	r PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITE				HISTLI	NG M1	19 (E501	.00)		Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS	5						Fiscal Y	Year 09)	1									Fiscal Y	Year 10	ı					
				ı	1																ı									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year ()9								Cale	ndar Ye	ar 10				
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	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	Later
Coı	nplete R	ound	•				•								1					•				•						•
1	FY 07	A	32	32																										0
Coı	nplete R	ound (S	Suppl)																											
	FY 07 S	A	124	42	82	15	15	15	15	15	7																			0
	-																													
																											<u></u>			
																											<u> </u>			
																											<u> </u>			
								<u> </u>																			<u> </u>			
Tot	al		156	74	82	15	15	15	15	15	7																<u> </u>			
						O C 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	
M								PRODU	CTION	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA	RKS				
F											Reac	hed M	FR			Pric	or 1 Oct	After	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
R			Nam	ne - Locati	on		1	MIN	1-8-5	MAX	D-	+	1 In	nitial			6		7		18		25							
1	L3 - B	ulova T	ech, Lanc	aster, PA				5	20	30			R	eorder			6		6		13		19							
													Ir	nitial																
													R	eorder																
													Ir	nitial																
													R	.eorder											1					
													Ir	nitial																
													R	eorder																
													Ir	nitial																
									R	eorder																				

Exhibit P-40, Budget Item	Justification	Sheet						Date:	February 2007	
Appropriation / Budget Activity / Seri. Procurement of Ammunition, Army /				I	P-1 Item Nomenc Non-Letha	lature al Ammunition, All T	ypes (E91901)			
Program Elements for Code B Items:		Code:	Oth	er Related Progra	m Elements:					
	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				85	5.5					85.5
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				85	5.5					85.5
Initial Spares										
Total Proc Cost				85	5.5					85.5
Flyaway U/C										
Weapon System Proc U/C										
Description										

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

FY07 Base Appropriation \$30.0 Million FY07 Title IX (Bridge) Appropriation \$0.0 Million FY07 Main Supplemental Request \$55.5 Million FY07 Total \$85.5 Million

Item No. 32 Page 1 of 15 31

Exhibit P-40 Budget Item Justification Sheet

Exhibit P-5, Weapon AMMO Cost Analysis Appropriation/Budget Activity/Serial No Procurement of Ammunition, Army/	: / Ammuniti			menclature: nunition, All Type	es (E91901)		Weapon Syste	em Type:	Date:	February 2007
AMMO	ID		FY 05			FY 06	•		FY 07	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION										
E86500 CTG 12 GA CROWD DISPERSAL M1013								912	154	(
E86400 CTG 12 GA NON-LETH M1012								1642	348	
E89000 CTG 40MM NON-LETH M1006								3249	133	24
E90400 CTG 40MM CROWD DISPERSAL M1029								1452	63	23
E91800 NON LETHAL CAPABILITY SET (each)								17792	37	480
E84900 GRENADE, STUN, M84								2836	20	141
E85101 FUZE, HND GRN XM240 PRAC f/XM102								938	7	134
E85125 GRN HAND PRAC XM102 NON-LETH								1147	1	1147
Subtotal Base Appropriation								29968		
FY 2007 MAIN SUPPLEMENTAL REQUEST										
E91800 NON LETHAL CAP SET Suppl (ea)								46500	104	447
E92300 GRENADE, ANTI-RIOT, PRACTICE L97								200	1	200
E92400 GRENADE, ANTI-RIOT, IRRITANT L96								8800	43	204
Subtotal Supplemental Appropriation								55500		
Total:								85468		

Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /					P-1	Item Nomencla NON LETH	ature HAL CAPABILITIE	S SET (E91800)			
Program Elements for Code B Items:		Code:		Other Relat	ted Program I	Elements:					
	Prior Years	FY 2005	FY 20	.006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					141						141
Gross Cost					64.3						64.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					64.3						64.3
Initial Spares											
Total Proc Cost					64.3						64.3
Flyaway U/C											
Weapon System Proc U/C											
Description:				•							

The Non-Lethal Capabilities Set (NLCS) is used by soldiers in peacekeeping, civil disturbances, and other operations other than war, to provide the friendly force a non-lethal means to temporarily distract/disorient non-combatants. The set includes Soldier Protection Items, non-lethal munitions, training items and other items. The current set is designed to equip a platoon (30 soldiers). All components of this set are code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$46.5 million) procures an additional 104 platoon level Non-Lethal Capabilities Sets for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: VARIOUS - All components are type classified separately.

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Am	nmunitio			omenclature: CAPABILITIES	SET (E91800)		Weapon Syste	m Type:	Date:	February 2007
AMMO		ID	•	FY 05			FY 06	•		FY 07	
Cost Elemen	ts	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Sets	\$	\$000	Sets	\$	\$000	Sets	\$
FY 2007 BASE APPROPRIATION											
HARDWARE											
Set Assembly and Pack									555	37	15
Soldier Protective Equipment									5920	37	160
Other Non-Lethal Ammunition									9957		
Subtotal Hardware									16432	;	
PRODUCTION SUPPORT COSTS											
Production Engineering									1029		
Integrated Logistic Support									200)	
Subtotal Production Support									1229	•	
NONRECURRING COSTS											
Special Tooling and Test Support									131		
Total Nonrecurring costs									131		
FY 2007 MAIN SUPPLEMENTAL REQUEST											
HARDWARE											
Set Assembly and Pack (Suppl)									1570	104	1:
Soldier Protective Equipment (Suppl)									16753	104	163
Other Non-Lethal Ammunition (Suppl)									28177		
Subtotal Contingency Operations									46500		
Total:									64292		228

Exhibit P-5a, Budget Procureme	ent Histor	y and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item NON LETHA	Nomenclature: L CAPABILITIES SET (E9	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	RFP Issue Date
Set Assembly and Pack											
FY 2007	Aardvark Azusa, CA	L	SS/FP	Picatinny, NJ	Jun 07	Dec 07	37	15	Y		
Soldier Protective Equipment											
FY 2007	Aardvark Azusa, CA	L	SS/FP	Picatinny, NJ	Jun 07	Nov 07	37	160	Y		
Set Assembly and Pack (Suppl)											
FY 2007	Aardvark Azusa, CA	L	OPT/FP	Picatinny, NJ	Aug 07	Mar 08	104	15	Y		
Soldier Protective Equipment (Suppl)											
FY 2007	Aardvark Azusa, CA		OPT/FP	Picatinny, NJ	Aug 07	Apr 08	104	161	Y		

		F	Y 07	08 BU	DGET	r PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEI NON LE				SET (E	E91800)				Dat	te:	Februa	ry 2007				
	C	OST	ELEN	1ENTS	5						Fiscal `	Year 07	,										Fiscal Y	Year 08						
			1	1	1																1									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year ()7								Cale	ndar Ye	ar 08				
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
Set	Assemb	ly and F	ack		ı				ı					ı		ı							1	ı						ı
1	FY 07	A	37	0	37									A						10	10	10	7							0
Set	Assemb	ly and F	ack (Sup	ppl)								•	•	•									•							
	FY 07 S	A	104	0	104											A							4	20	20	20	20	20		0
Tot	al		141		141			_		-				-						10	10	10	11	20	20	20	20	20	-	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M								PRODU	ICTION	RATES						Α	DMIN I	LEAD T	TME		MFR		TOTA	A L	REMA					!
F											Reac	hed M	FR			Prie	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct	Supple	mental p	roductio	n will ta	ke plac	e at the
R			Nan	ne - Locati	ion		1	MIN	1-8-5	MAX	D	+	1 Iı	nitial			7		9		6		15			sion of the		ірргоргі	mon bu	y. Lead
1	Aardva	ırk, Azu	ısa, CA					1	10	25			R	eorder			6		9		6		15			-				
													Iı	nitial																
													R	eorder																
													Iı	nitial																
													R	eorder											1					
													Iı	nitial											1					
													R	eorder											1					
													Iı	nitial											1					
								1					R	eorder											1					

Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army					P-1	Item Nomencla		NTI-RIOT, PRAC	TICE, L97E1 (E9230	· · · · · ·	
Program Elements for Code B Items:		Code:		Other R	elated Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					1						1
Gross Cost					0.2						0.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					0.2						0.2
Initial Spares											
Total Proc Cost					0.2						0.2
Flyaway U/C											
Weapon System Proc U/C											

Description:

The L97 Anti-Riot Grenade is a training round for the L96 Anti-Riot Grenade - Irritant. It provides non-lethal, riot control, stand-off capability vehicles equipped with 66mm grenade launchers. This enhances the capability of friendly forces to conduct force protection operations without contact with rioting crowds. The L97 deploys cinammic acid smoke to simulate CS (Tear Gas)

This item is Code A, approved for service use

Justification:

This is a training unique item not used in combat. Procurement supports annual training and builds a depot level in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$0.2 million) procures 1,080 L97 practice grenades in support of unforecasted ammunition requirements for the Global War on Terror (GWOT). This requirement supports predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 2004

This is a new start for the Army.

Exhibit P-5, Weapon AMMO Cost Analysis Appropriation/Budget A Procurement of Ammu	activity/Serial No: unition, Army / 1 / Ammunition	on GR	Line Item No ENADE, DIS 2300)		ΓΙ-RIOT, PRACΊ	TICE, L97E	Weapon Syste	em Type:	Date:	February 2007
AMMO	ID		FY 05			FY 06			FY 07	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 MAIN SUPPLEMENTAL REQUEST										
HARDWARE										
COMPLETE L97 GRENADE								140) 1	129
Subtotal Hardware								140)	
PRODUCTION SUPPORT										
PRODUCTION ENGINEERING								60)	
Subtotal Production Support								60)	
Total:								200)	200

Exhibit P-5a, Budget Procurement	History and Planning							Oate: Sebruary	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: DISCHARGER, ANTI-RIOT,	PRACTICE, L9	7E1 (E92300)					
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 L97 GRENADE FY 2007 (s)	PW Defense UK	SS/FP	Picatinny, NJ	Jun 07	Jun 08	1	129	Y		

		F	FY 07 /	08 BU	DGE	T PR	ODU	CTIO	N SCI	HEDU	JLE			P-1 ITEN GRENA				TI-RIO	T, PRA	CTICE,	L97E1 (E92300	Dat)	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS							Fiscal	Year 07	,										Fiscal Y	Year 08	1					
- 1		S	PROC	ACCEP	BAL									Calenda	r Year ()7								Cale	ndar Ye	ar 08				
M		E	QTY	PRIOR	DUE		1			1			1		1	ı							1	1					1	_
F R	FY	R V	x1000	TO 1 OCT	AS OF 1 OCT		N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	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 L97 (GRENAD	Е																										
	FY 07 (s)	A	1	0	1	1								A												1				0
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M								PRODU	ICTION	RATES						A	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA	RKS				1
F											Reac	hed M	FR			Pric	or 1 Oct	Afte	r 1 Oct	Af	ter 1 Oct		After 1	Oct						
R			Nam	ne - Locati	on]	MIN	1-8-5	MAX	D	+	1 Iı	nitial			6		7		12		19							
1	PW De	efense,	UK					1	3	13			R	eorder			6		6		12		18							
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Exhibit P-40, Budget Item	Justification	Sheet							Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /					P-1	Item Nomencla GRENADE		NTI-RIOT, IRRITA	ANT, XL96E1 (E924	00)	
Program Elements for Code B Items:		Code:		Other R	Related Program	Elements:					
	Prior Years	FY 2005	FY	2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty					43						43
Gross Cost					8.8						8.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1					8.8						8.8
Initial Spares											
Total Proc Cost					8.8						8.8
Flyaway U/C											
Weapon System Proc U/C				_							
								<u> </u>			_

Description:

The L96 anti-riot Grenade - Irritant provides non-lethal, riot control, stand-off capability vehicles equipped with 66mm grenade launchers. This enhances the capability of friendly forces to conduct force protection operations without contact with rioting crowds. The L96 deploys 23 countermeasure resistant CS (Tear Gas) canisters 65-90 meters from the 66mm grenade launcher. This item is Code A, approved for service use

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$8.8 million) procures 42,900 grenades for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 2004

This is a new start for the Army.

Exhibit P-5, Weapon AMMO Cost Analysis Appropriation/Budget Procurement of Am	t Activity/Serial No: munition, Army / 1 / Ammunition	on GREN			ΓΙ-RIOT, IRRITA	NT,	Weapon Syste	em Type:	Date:	February 2007
AMMO	ID		FY 05			FY 06			FY 07	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 MAIN SUPPLEMENTAL REQUEST										
HARDWARE										
COMPLETE L97 GRENADE								8008	3 43	18
Subtotal Hardware								8008	3	
PRODUCTION SUPPORT										
PRODUCTION ENGINEERING								792	2	
Subtotal Production Support								792	2	
Total:								880	0	20:

Exhibit P-5a, Budget Procurement	History and Planning							Date: February	2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:		Nomenclature: DISCHARGER, ANTI-RIOT, I	RRITANT, XL	96E1 (E92400)					
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 L97 GRENADE FY 2007 (S)	PW Defense UK	SS/FP	Picatinny, NJ	Jun 07	Jun 08	43	186	i Y		

		F	FY 07 /	08 BU	DGE'	T PRO	ODU	CTIO	N SCI	HEDU	LE			P-1 ITEI GRENA				TI-RIO	Γ, IRRIT	ΓΑΝΤ, Χ	(L96E1 ((E92400)	Dat)	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal '	Year 07	,	I									Fiscal Y	Year 08						
		T ~	nn o o		1				1												ı									-
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year ()7								Caler	ndar Ye	ar 08				
F R	FY	R V	x1000	TO 1 OCT	AS OF 1 OCT		N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	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 L97 (GRENAD	Е					•											•										
	FY 07 S	A	43	0	43									A												3	3	4	4	29
																											_			
Tot	al		43		43			_		_				-	_					-	-	-				3	3	4	4	29
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	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)
F											Reac	hed M	FR			Pric	or 1 Oct	After	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
R				ne - Locati	on]	MIN	1-8-5	MAX	D-	+	1 In	itial			6		9		12		21							
1	PW D	efense,	UK					3	8	13			-	eorder			6		6		12		18							
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		F	FY 09 /	10 BU	DGE	r PR(ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN GRENA				TI-RIO	Γ, IRRIT	TANT, X	L96E1	(E92400	Dat)	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal Y	Zear 09											Fiscal Y	Year 10	ı					
		1	1	ı					ı												ı									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year ()9								Cale	ndar Ye	ar 10				
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CC	MPLET	E L97 (GRENAD	Е		•	•		1		19													•						•
	FY 07 S	A	43	14	29	4	4	4	4	4	4	4		1																0
-																														
To	al		43	14	29	4	4	4	4	4	4	4	1																	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M]	PRODU	CTION	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA	RKS				1
F											Reac	hed M	FR			Pric	or 1 Oct	After	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
R	_			ne - Locati	on		N	MIN	1-8-5	MAX	D-	-	l Ini				6		9		12		21		_					
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Exhibit P-40, Budget Item	Justification	Sheet						Date:	February 2007	
Appropriation / Budget Activity / Seria Procurement of Ammunition, Army /				F	2-1 Item Nomencl ITEMS LE	ature SS THAN \$5 MILLI	ON (EA0055)			
Program Elements for Code B Items:		Code:	Othe	er Related Progra	m Elements:					
	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				15	.5					15.5
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				15	.5					15.5
Initial Spares										
Total Proc Cost				15	.5					15.5
Flyaway U/C										
Weapon System Proc U/C										
Description:										

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

FY 2007 Base Appropriation - \$5.5 million FY 2007 Title IX (Bridge)Appropriation - \$0.0 million FY 2007 Main Supplemental Request-FY 2007 Total-\$15.5 million

Exhibit P-5, Weapon AMMO Cost Analysis Appropriation/Bud Procurement of A	get Activity/Serial No: Ammunition, Army / 1 / Ammunition		ine Item No IS LESS TH	menclature: IAN \$5 MILLION	N (EA0055)		Weapon Syste	em Type:	ate:	February 2007
AMMO	ID		FY 05			FY 06			FY 07	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG 12 GAUGE #9 SHOT								5		
CTG 12 GAUGE BREACHING ROUND								673	186	3.62
CTG 10 GAUGE BLANK								5		
CTG 12 GAUGE SHOTGUN 00 BUCKSHOT								10		
CTG CAL .22 LR MATCH F/PISTOL								278	1457	0.19
CTG .30 CAL BLANK								531	1767	0.30
AMMUNITION PROGRAM SUPPORT								1795		
USAMTU FT BENNING								346		
RIFLE LAUNCHED ENTRY MUNITION (Eaches)								10314	24645	418.50
SPECIAL TRAINING AMMO								1035		
EOD ITEMS FOR PAN DISRUPTER								479		
Total:								15471		0.55

Exhibit P-40, Budget Item J	ustification	Sheet						Date:	February 2007	
Appropriation / Budget Activity / Serial I Procurement of Ammunition, Army / 1				P-1	Item Nomencla GRENADE	iture RIFLE ENTRY MU	UNITION, M100 (E	93500)		
Program Elements for Code B Items:		Code:		Related Program	Elements:					
	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				24645						24645
Gross Cost				10.3						10.3
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				10.3						10.3
Initial Spares										
Total Proc Cost				10.3						10.3
Flyaway U/C										
Weapon System Proc U/C										

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$10.0 million) procures an additional seven thousand tactical GREMs and 18 thousand training kits for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

of either wood or metal clad exterior doors. The GREM provides friendly forces the necessary capability to gain access into sealed buildings during urban operations from a safe distance, without

TYPE CLASSIFICATION (TC) DATE: JUN 2002

risk to enemy fire. This item is Code A, approved for service use.

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / An	nmunitio			omenclature: LE ENTRY MUN	ITION, M100 (Es	Weapon Syste	em Type:	Date:	February 2007		
AMMO	ID	•	FY 05			FY 06	•		FY 07			
Cost Elemen	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost		
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	
FY 2007 BASE APPROPRIATION												
PRODUCTION SUPPORT COSTS												
Production Engineering									314	4		
SubTotal Prod Support									31	4		
FY 2007 MAIN SUPPLEMENTAL REQUEST												
AMMUNITION HARDWARWARE												
Grenade Rifle Entry Munition (GREM)									723	3 7144	1.01	
Training Kits									241	1 17501	0.13	
SubTotal AMMO Hardware									964	4		
Acceptance Testing									35	6		
Sob Total Prod Support									1031	4		
Total:									1031	4	0.41	

Exhibit P-5a, Budget Procurement	Exhibit P-5a, Budget Procurement History and Planning														
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:	P-1 Line Item Nomenclature: GRENADE RIFLE ENTRY MUNITION, M100 (E93500)													
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date					
FY 2007 MAIN SUPPLEMENTAL REQUEST FY 2007 Supp	Rafael Armament Development Haifa, Israel	SS/FP	Picatinny Arsenal	Jun 07	Jun 08	24645	0.418	3 Y							

ı	FY 07 / 08 BUDGET PRODUCTION SCHEDULE P-1 ITEM NOMENCLATURE GRENADE RIFLE ENTRY MUNITION, M100 (E93500) Pebruary 2007																																			
TI W/ / WO DODGET I RODUCTION SCHEDULE													GRENA	DE RIFI	E ENT	RY MUN	NITION,	, M100 (E93500)				Februa	ry 2007											
COST ELEMENTS Fiscal Year 07											Fiscal Year 08																									
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M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year ()7					Calendar Year 08															
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F											Reach	ed M	FR				or 1 Oct	1	r 1 Oct	-	er 1 Oct		After 1													
R			Nan	ne - Locati	on			MIN	1-8-5	MAX	D+		1 In	tial			6		7		12		19													
1	Rafael	Arman	nent Deve	elopment, l	Haifa, Is	rael		0.5	0.5	2.5			Re	order			0		9		12		21													
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	COST ELEMENTS Fiscal Year 09											•									Fiscal Y	Year 10	١							
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Gre	nade Rit	le Entry	y Munitio	on (GREM)	.)																					,				
	FY 07 S	A	24.6	9.7	15.0	2.5	2.5	2.5	2.5	2.5	2.5																			0.0
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