

DEPARTMENT OF THE NAVY
FISCAL YEAR (FY) 2009
BUDGET ESTIMATES



JUSTIFICATION OF ESTIMATES
FEBRUARY 2008

PROCUREMENT OF AMMUNITION,
NAVY AND MARINE CORPS
BUDGET ACTIVITY 2

Department of Defense Appropriations Act, 2009

Procurement of Ammunition, Navy and Marine Corps

For construction, procurement, production, and modification of ammunition, and accessories therefor; specialized equipment and training devices; expansion of public and private plants, including ammunition facilities, authorized by section 2854 of title 10, United States Code, and the land necessary therefore, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes, \$1,122,712,000, to remain available for obligation until September 30, 2011.

"In accordance with the President's Management Agenda, Budget and Performance Integration initiative, this program has been assessed using the Program Assessment Rating Tool (PART). Remarks regarding program performance and plans for performance improvement can be located at the Expectmore.gov website."

UNCLASSIFIED
DEPARTMENT OF DEFENSE
FY 2009 PROCUREMENT PROGRAM
SUMMARY
(\$ IN MILLIONS)

22 JAN 2008

APPROPRIATION -----	FY 2007 -----	FY 2008 -----	FY 2009 -----
PROCUREMENT OF AMMO, NAVY & MC	466.6	846.8	593.1
TOTAL Department of the Navy	466.6	846.8	593.1

UNCLASSIFIED

Department of the Navy

FY 2009 PROCUREMENT PROGRAM

SUMMARY
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Department of the Navy

FY 2009 PROCUREMENT PROGRAM

SUMMARY
(\$ IN MILLIONS)

22 JAN 2008

APPROPRIATION: PROCUREMENT OF AMMO, NAVY & MC

ACTIVITY -----	FY 2007 -----	FY 2008 -----	FY 2009 -----
02. PROC AMMO, MC	466.6	846.8	593.1
TOTAL PROCUREMENT OF AMMO, NAVY & MC	466.6	846.8	593.1

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Department of the Navy
FY 2009 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 1508N PROCUREMENT OF AMMO, NAVY & MC

DATE: 22 JAN 2008

MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2007		FY 2008		FY 2009		S E C
			QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
BUDGET ACTIVITY 02: PROC AMMO, MC									

MARINE CORPS AMMUNITION									
19	SMALL ARMS AMMUNITION					176.6		108.4	U
20	5.56 MM, ALL TYPES	A		32.4					U
21	7.62 MM, ALL TYPES	A		26.7					U
22	LINEAR CHARGES, ALL TYPES	A		16.6		12.7		17.7	U
23	.50 CALIBER	A		10.5					U
24	40 MM, ALL TYPES	A		51.8		77.4		60.4	U
25	60MM, ALL TYPES	A		26.0		94.8		44.8	U
26	81MM, ALL TYPES	A		74.3		135.4		54.9	U
27	120MM, ALL TYPES	A		49.4		93.6		87.5	U
28	CTG 25MM, ALL TYPES	A		8.7		11.9		2.3	U
29	9 MM ALL TYPES	A		4.9					U
30	GRENADERS, ALL TYPES	A		23.5		59.6		39.0	U
31	ROCKETS, ALL TYPES	A		22.8		40.2		26.1	U
32	ARTILLERY, ALL TYPES	A		62.3		109.5		117.2	U
33	EXPEDITIONARY FIGHTING VEHICLE	A				*			U
34	DEMOLITION MUNITIONS, ALL TYPES	A		13.3		12.3		19.0	U
35	FUZE, ALL TYPES	A		2.3		5.1		3.5	U
36	NON LETHALS	B		10.0		10.0		2.2	U
37	AMMO MODERNIZATION	A		26.4		7.8		5.6	U
38	ITEMS LESS THAN \$5 MILLION	A		4.7				4.5	U

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UNCLASSIFIED

Department of the Navy
FY 2009 PROCUREMENT PROGRAM

EXHIBIT P-1

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DATE: 22 JAN 2008

MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2007		FY 2008		FY 2009		S E C
			QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
				466.6		846.8		593.1	
				466.6		846.8		593.1	

UNCLASSIFIED

Exhibit P-40, Budget Item Justification								Date: FEBRUARY 2008			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition					P-1 Item Nomenclature: (100000) SMALL ARMS AMMUNITION						
Program Element for Code B Items:				Other Related Program Elements							
	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY2013	To Complete	Total Program	
Proc Qty											
Gross Cost	A	0.000	176.638	108.436	102.590	73.953	66.489	68.113		596.219	
<p>Description: This funding (DODIC A001) supports the procurement of components used in building small arms cartridges in support of the Marine Corps Rifle Team, Quantico, Virginia.</p> <p>The Cartridge, Ball M855 10/Clip (DODIC A059) is the primary ball ammunition for the M16A2 Rifle and can be used in the M249 Squad Automatic Weapon (SAW) with a magazine.</p> <p>The Cartridge, 5.56mm Ball M855 Linked (DODIC A062) is used in the M249 Squad Automatic Weapon (SAW) Machine Gun and is intended for training during dry conditions where tracer ammunition is restricted from use.</p> <p>The Cartridge, 5.56mm 4 Ball M855/1 Tracer M856 Linked (DODIC A064) is the standard ammunition used for combat and training in the M249 Squad Automatic Weapon (SAW) Machine Gun.</p> <p>The Cartridge, 5.56mm Blank M200 Linked (DODIC A075) is used in the M249 Squad Automatic Weapon (SAW) Machine Gun. It is designed to simulate firing during training exercises. The cartridge is identified by a rosette crimp closure of the cartridge mouth.</p> <p>The Cartridge, 5.56mm Blank M200 Single Round (DODIC A080) is used in the M16A2 Rifle and can be used in the M249 Squad Automatic Weapon (SAW) Machine Gun with a magazine. It is designed to simulate firing during training exercises.</p> <p>The Cartridge, 7.62MM Ball (DODIC A102) ammunition is designed for use with the AK47 rifle to conduct marksmanship training with a foreign weapon.</p> <p>The Cartridge, 7.62MM Blank (DODIC A103) is used with blank firing attachments to simulate live firing in training exercises with the AK47 assault rifle.</p> <p>The Cartridge, 7.62mm Blank M82 Linked (DODIC A111) is used with blank firing attachments to simulate firing in training exercises with the M240 Machine Guns. The M82 Blank Round consists of a long brass cartridge case loaded with a primer and propellant.</p> <p>The Cartridge, 7.62MM 4 Ball M80/1 Tracer M62 Linked (DODIC A131) is mainly used in the M240 Machine Guns against personnel and unarmored targets. The M62 Tracer round is intended to permit visible observation of the bullet's in-flight path or trajectory.</p> <p>The Cartridge, 7.62mm Ball M80 Linked (DODIC A143) is used mainly in the M240 machine guns against personnel and unarmored targets. The DODIC A143 is used to augment DODIC A131 as dictated by local fire conditions.</p>											

Exhibit P-40, Budget Item Justification	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (100000) SMALL ARMS AMMUNITION
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Program Element for Code B Items:	Other Related Program Elements
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	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Proc Qty										
Gross Cost	A	0.000	176.638	108.436	102.590	73.953	66.489	68.113		596.219

The Cartridge, 7.62mm Tracer M62 Linked (DODIC A146) is used mainly in the M240 Machine Gun against personnel and unarmored targets. The M62 Tracer cartridge is intended to permit visible observation of the bullet's in-flight path or trajectory to the point of impact, target designation, or range estimation.

The Cartridge, 7.62MM 4 M80 Ball/1 M62 Tracer Linked (DODIC A151) is mainly used in the M240 Machine Gun for training when overhead fire is required. The M62 Tracer round is intended to permit visible observation of the bullet's in-flight path or trajectory.

The Cartridge, 9mm Jacketed Hollow Point JHP (DODIC A260) ammunition is a 9mm cartridge that is authorized for use by CONUS Law Enforcement personnel in the execution of their duties.

The Cartridge, 9mm Training-Practice Tracer (TP-T) M939 for Anti-Tank-4 (AT-4) (DODIC A358) is intended for use in the M287 Target Practice Launcher for training on the M136 (AT-4) Anti-Tank weapon.

The Cartridge, 9mm Ball M882 (DODIC A363) is intended for use against enemy personnel and for security purposes. This cartridge may be used in the M9 Service Pistol and the MP5N Submachine Gun.

The Cartridge caliber .38 (DODIC A415) ammunition is used by designated personnel authorized to carry the .38 caliber revolver.

The Cartridge, .45 Caliber Wadcutter (DODIC A482) is intended for competition use in the M1911/A1 Caliber Pistol. The projectile has a sharp shoulder that acts as a hole punch to cut a clean hole in the target.

The Cartridge, Caliber .45 Ball M1911 Match (DODIC A483) is intended for use in competitive match programs and target practice and is used in the M1911/A1 Automatic Pistols.

The Cartridge, Caliber .50 M33 Linked (DODIC A555) is configured without the M20 tracer rounds used in M2 .50 Caliber Machine Guns to augment DODIC A576 as dictated by local fire conditions.

The Cartridge, Caliber .50 4 API M8/1 API-T M20 Linked (DODIC A576) is used in M2 .50 caliber Machine Guns against armored targets. Upon impact with the target, the incendiary mixture bursts into flames and ignites the flammable material.

The Cartridge, Caliber .50 Blank M1A1 Linked (DODIC A598) is used to simulate firing in training exercises using the M2 Machine Guns. The M1A1 Cartridge is identified by the absence of a bullet.

The Cartridge, Caliber .50 API MK211 Mod 0 Single Round (DODIC A606) is used in the M82A3 Special Application Scoped Rifle (SASR) sniper rifle against armored targets. This cartridge is an improved version of the M8-API that provides penetration, fragmentation, and fire starting capabilities upon functioning.

The Cartridge, 7.62MM Long Range M118 LR (DODIC AA11) is intended for long-range sniper and match firing and is used in the M40 Sniper and the M14 Rifles. This cartridge is used in training as well as missions demanding accurate single fire that typically involves sniper and marksmanship applications.

The Cartridge, 9mm Red Marking (DODIC AA12) is utilized with the M4A1 Carbine, and M9 Special Effects Small Arms Marking System (SESAMS) Adapter Kits. Weapons fitted with the training adapters will operate semi or full automatic simulating live fire.

Exhibit P-40, Budget Item Justification	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (100000) SMALL ARMS AMMUNITION
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Program Element for Code B Items:	Other Related Program Elements
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	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Proc Qty										
Gross Cost	A	0.000	176.638	108.436	102.590	73.953	66.489	68.113		596.219

The Cartridge, 9mm Blue Marking (DODIC AA21) is utilized with the M4A1 Carbine, and M9 Special Effects Small Arms Marking System (SESAMS) Adapter Kits. Weapons fitted with the training adapters will operate semi or full automatic simulating live fire.

The Cartridge, Caliber .50 SLAP-T (DODIC AA38) is used for training in the in-bore device on a M1A1 tank. It is ballistically matched to the 120mm TP-T cartridge and has a tracer burn out in excess of 2000 meters.

The Shotgun 12 Gauge Door Breaching M1030 (DODIC AA54) is procured from commercial manufacturers for use with the M500, M590, M1014 and M870 12-gauge, auto loading, and pump action shotguns. It is intended to destroy locks and fixtures on doors and automobiles with little or no collateral damage to the interior.

Cartridge 5.56 Special Match Molydenum Coated (DODIC AA67). This cartridge contains a 77 grain projectile that is coated with molydenum to extend the life of the barrel. Designed specifically for the Marine Corps Shooting Team and fired from a M16 Match Rifle.

The Cartridge, 5.56mm FX Blue Marking Linked (DODIC AA91) is part of the Special Effects Small Arms Marking System used in the M249 Squad Automatic Weapon simulating automatic weapon live fire. When the round impacts a target the plastic sheath breaks and marks the target with a non toxic paint indicating a hit.

The Cartridge, 5.56mm FX Red Marking Linked (DODIC AA92) is part of the Special Effects Small Arms Marking System used in the M249 Squad Automatic Weapon simulating automatic weapon live fire. When the round impacts a target the plastic sheath breaks and marks the target with a non toxic paint indicating a hit.

The Cartridge, 5.56mm FX Blue Marking Single Round (DODIC AB05) is part of the Special Effects Small Arms Marking System and used in the M16 series weapons simulating semi-automatic weapon live fire. When the round impacts a target the plastic sheath breaks and marks the target with a non toxic paint indicating a hit.

The Cartridge, 5.56mm FX Red Marking Single Round (DODIC AB06) is part of the Special Effects Small Arms Marking System and used in the M16 series weapons simulating semi-automatic weapon live fire. When the round impacts a target the plastic sheath breaks and marks the target with a non toxic paint indicating a hit.

The (DODIC APKM) will support procurement of foreign munitions that will be utilized for training Marines on foreign weapons.

The Cartridge, 9mm Spotting Rifle MK212 Mod 0 (DODIC AX11) is used on the MK153 Assault Rocket Launcher (ARL)/Shoulder-Launched Multipurpose Assault Weapon (SMAW) prior to engaging target with the rocket. The spotting cartridge increases hit probability when deploying the rocket.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

1. Received \$0M in FY07 GWOT.
2. Received \$27.645M in FY08 from the 2008 Consolidated Appropriation Act, Division L.
3. FY08 funding totals do not include \$27.644M previously requested for current FY08 GWOT requirements.

Exhibit P-40a, Budget Item Justification for Aggregated Items										Date:	
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition										P-1 Item Nomenclature: (100000) SMALL ARMS AMMUNITION	
	ID Code	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013			
A001, RIFLE TEAM AMMUNITION	A	0	0	0.228							
QTY		0	0	0							
A102, CTG, 7.62MM X 39 FOR AK-47	A	0	0.084	0.074							
QTY		0	262,500	224,242							
A103, CTG 7.62MM X 39 BLANK F/AK-47	A	0	0.02	0							
QTY		0	64,516	0							
A415, CTG, CAL .380 BALL (9MM SHORT)	A	0	0.004	0							
QTY		0	16,000	0							
A482, CTG, CAL .45 WADCUTTER	A	0	0	0.047							
QTY		0	0	104,444							
A483, CTG, CAL .45 BALL MATCH	A	0	0	0.185							
QTY		0	0	411,111							
AA12, CTG, 9MM SESAMS (RED)	A	0	1.605	1.639							
QTY		0	4,585,714	4,552,777							
AA21, CTG, 9MM SESAMS (BLUE)	A	0	1.704	1.749							
QTY		0	4,868,571	4,997,142							
AA54, CTG. 12 GA BREACHING M1030	A	0.000	0.000	1.000							
QTY		0	0	446,428							
P40a Subtotal		0	3.417	4.922							

Exhibit P-40a, Budget Item Justification for Aggregated Items	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (100000) SMALL ARMS AMMUNITION
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	ID Code	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013			
AA67, CTG 5.56MM MOLLY COATED	A	0	0.197	0.167							
QTY		0	386,274	327,450							
AA91, CTG, 5.56MM FX BLUE MARKING LINKED	A	0	0.087	0.092							
QTY		0	138,095	143,750							
AA92, CTG, 5.56MM FX RED MARKING LINKED	A	0	0.046	0.047							
QTY		0	73,015	73,437							
AB05, CTG, 5.56MM FX ORANGE MARKING LINKED	A	0	0.041	0.043							
QTY		0	77,358	79,629							
AB06, CTG, 5.56MM FX RED MARKING SNGL RD	A	0	0.03	0.031							
QTY		0	56,603	57,407							
APKM, FOREIGN AMMO ALL TYPES		0	0	0.2							
QTY		0	0	0							
AX11, CTG, 9MM FOR SMAW		0	0.631	0.65							
QTY		0	262,916	263,157							
P40a Sub total		0	1.032	1.23							
P40a Total		0.000	4.449	6.152							

Exhibit P-5, Cost Analysis			Weapon System			Date: FEBRUARY 2008						
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				ID Code: A	P-1 Line Item Nomenclature: (100000) SMALL ARMS AMMUNITION							
WBS COST ELEMENTS	FY07			FY08			FY09			Total Cost	Qty	Unit Cost
	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost			
HARDWARE												
A059, CTG, 5.56MM BALL												
LOAD, ASSEMBLE & PACK (LAP)				91.001	357,248,148	0.25	25.802	83,830,225	0.31			
BOX METAL M2A1(EA)				5.147	475,253	10.83	1.134	101,435	11.18			
A062, CTG, 5.56MM BALL LINKED												
LOAD, ASSEMBLE & PACK (LAP)				0.12	298,959	0.40	1.016	2,313,333	0.44			
A064, CTG, 5.56MM 4 & 1 LINKED												
LOAD, ASSEMBLE & PACK (LAP)				19.844	40,739,129	0.49	16.424	33,019,714	0.50			
A075, CTG, 5.56MM BLANK LINKED												
LOAD, ASSEMBLE & PACK (LAP)				0.784	2,813,465	0.28	1.263	3,616,987	0.35			
A080, CTG, 5.56MM BLANK												
LOAD, ASSEMBLE & PACK (LAP)				0.921	5,778,945	0.16	1.293	7,557,279	0.17			
BOX METAL M2A1(EA)				0.056	5,144	10.89	0.075	6,726	11.15			
A111, CTG, 7.62MM BLANK LINKED												
LOAD, ASSEMBLE & PACK (LAP)							9.833	26,173,484	0.38			
A131, CTG, 7.62MM 4 & 1 LINKED												
LOAD, ASSEMBLE & PACK (LAP)				16.08	27,255,000	0.59	17.522	25,167,838	0.70			
A143, CTG, 7.62MM BALL LINKED												
LOAD, ASSEMBLE & PACK (LAP)				8.839	15,358,639	0.58	0.959	1,382,175	0.69			
A146, CTG, 7.62MM M62 TRACER LINKED												
COMPLETE ROUND							0.15	176,118	0.85			
A151, CTG, 7.62MM 4 & 1 LINKED												
LOAD, ASSEMBLE & PACK (LAP)				0.126	293,777	0.43						
A260, CTG, 9MM SUBSONIC JHP												
LOAD, ASSEMBLE & PACK (LAP)				0.116	296,735	0.39						
A358, CTG, 9MM TRAINING PRACTICE F/AT-4												
LOAD, ASSEMBLE & PACK (LAP)				0.219	346,879	0.63	1.216	1,814,364	0.67			
*UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS												
SUB TOTAL							143.253			76.687		

Exhibit P-5, Cost Analysis			Weapon System			Date: FEBRUARY 2008						
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				ID Code: A	P-1 Line Item Nomenclature: (100000) SMALL ARMS AMMUNITION							
WBS COST ELEMENTS	FY07			FY08			FY09			Total Cost	Qty	Unit Cost
	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost			
HARDWARE												
A363, CTG, 9MM BALL												
LOAD, ASSEMBLE & PACK (LAP)							1.128	8,008,910	0.14			
BOX METAL M2A1(EA)							0.09	8,089	11.13			
A555, CTG, CAL .50 BALL LINKED												
LOAD, ASSEMBLE & PACK (LAP)				0.276	131,409	2.10						
BOX METAL M2A1(EA)				0.015	1,341	11.19						
A576, CTG, CAL .50 4 & 1 LINKED												
LOAD, ASSEMBLE & PACK (LAP)				18.252	7,638,294	2.39	20.055	6,674,260	3.00			
BOX METAL M2A1(EA)				0.844	77,931	10.83	0.754	67,441	11.18			
A598, CTG, CAL .50 BLANK LINKED M2												
LOAD, ASSEMBLE & PACK (LAP)				0.184	183,376	1.00	0.102	104,634	0.97			
BOX METAL M2A1(EA)				0.02	1,871	10.69	0.012	1,057	11.35			
A606, CTG, CAL .50 API SNIPER RIFLE												
LOAD, ASSEMBLE & PACK (LAP)				8.150	1,008,614	8.08	0.241	24,745	9.74			
BOX METAL M2A1(EA)				0.093	8,574	10.83	0.002	208	9.62			
AA11, CTG, 7.62MM BALL LONG RANGE												
LOAD, ASSEMBLE & PACK (LAP)				0.187	329,898	0.57	2.118	3,011,884	0.70			
BOX METAL M2A1(EA)				0.008	726	11.02	0.074	6,627	11.17			
AA38, CTG, CAL. 50 SLAP TRACER												
COMPLETE ROUND				0.034	2,482	13.70						
PRODUCT												
ACCEPTANCE TESTING				0.134			0.074					
PRODUCTION ENGINEERING				0.71			0.917					
QUALITY ASSURANCE				0.029			0.03					
SUBTOTAL				28.936			25.597					
TOTAL				172.189			102.284					

Exhibit P-5a, Procurement History and Planning				Weapon System			Date: FEBRUARY 2008			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				P-1 Line Item Nomenclature: (100000) SMALL ARMS AMMUNITION						
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
HARDWARE										
A059, CTG, 5.56MM BALL										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2008	287,342,887	0.25	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 08	OCT 08	YES	
FY 2008	69,905,261	0.25	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	GENERAL DYNAMICS ORD & TAC, ST. PETERSBURG, FL	JUN 08	MAR 09	YES	
FY 2009	83,830,225	0.31	JMC, ROCK ISLAND, IL	OCT 04	C/OTHER	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 09	OCT 09	YES	
BOX METAL M2A1(EA)										
FY 2008	270,673	10.83	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BWAY CORPORATION, ATLANTA, GA	MAR 08	SEP 08	YES	
FY 2008	204,580	10.83	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BEST FOAM FAB, CHICAGO, IL	MAR 08	SEP 08	YES	
FY 2009	81,148	11.18	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BWAY CORPORATION, ATLANTA, GA	MAR 09	SEP 09	YES	
FY 2009	20,287	11.18	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BEST FOAM FAB, CHICAGO, IL	MAR 09	SEP 09	YES	
A062, CTG, 5.56MM BALL LINKED										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2008	298,959	0.40	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 08	OCT 08	YES	
FY 2009	2,313,333	0.44	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 09	OCT 09	YES	
A064, CTG, 5.56MM 4 & 1 LINKED										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2008	30,554,346	0.49	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 08	OCT 08	YES	
FY 2008	10,184,783	0.49	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	GENERAL DYNAMICS ORD & TAC, ST. PETERSBURG, FL	JUN 08	MAR 09	YES	
FY 2009	33,019,714	0.50	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JUN 09	MAR 10	YES	
A075, CTG, 5.56MM BLANK LINKED										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2008	2,813,465	0.28	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 08	OCT 08	YES	
FY 2009	3,616,987	0.35	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 09	OCT 09	YES	

Exhibit P-5a, Procurement History and Planning				Weapon System			Date: FEBRUARY 2008			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				P-1 Line Item Nomenclature: (100000) SMALL ARMS AMMUNITION						
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
HARDWARE										
A080, CTG, 5.56MM BLANK										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2008	4,334,208	0.16	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH (LCAAP), INDEPENDENCE, MO	JAN 08	OCT 08	YES	
FY 2008	1,444,737	0.16	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	GENERAL DYNAMICS ORD & TAC, ST. PETERSBURG, FL	JUN 08	MAR 09	YES	
FY 2009	7,557,279	0.17	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	GENERAL DYNAMICS ORD & TAC, ST. PETERSBURG, FL	JUN 09	MAR 10	YES	
BOX METAL M2A1 (EA)										
FY 2008	4,115	10.89	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BWAY CORPORATION, ATLANTA, GA	MAR 08	SEP 08	YES	
FY 2008	1,029	10.89	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BEST FOAM FAB, CHICAGO, IL	MAR 08	SEP 08	YES	
FY 2009	5,380	11.15	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BWAY CORPORATION, ATLANTA, GA	MAR 09	SEP 09	YES	
FY 2009	1,346	11.15	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BEST FOAM FAB, CHICAGO, IL	MAR 09	SEP 09	YES	
A111, CTG, 7.62MM BLANK M82 LINK										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2009	26,173,484	0.38	JMC, ROCK ISLAND, IL	OCT 04	C/OTHER	TBD	JAN 09	OCT 09	YES	
A131, CTG, 7.62MM 4 & 1 LINKED										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2008	27,255,000	0.59	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH (LCAAP), INDEPENDENCE, MO	JAN 08	OCT 08	YES	
FY 2009	25,167,838	0.70	JMC, ROCK ISLAND, IL	OCT 04	UNKNOWN	TBD	JUN 09	MAR 10	YES	
A143, CTG, 7.62MM BALL LINKED										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2008	15,358,639	0.58	JMC, ROCK ISLAND, IL	OCT 05	SS/FP	ALLIANT TECH (LCAAP), INDEPENDENCE, MO	JAN 08	OCT 08	YES	
FY 2009	1,382,175	0.69	JMC, ROCK ISLAND, IL	OCT 05	UNKNOWN	TBD	JAN 09	OCT 09	YES	
A146, CTG, 7.62MM M62 TRACER LI										
COMPLETE ROUND										
FY 2009	176,118	0.85	JMC, ROCK ISLAND, IL	UNKNOWN	UNKNOWN	TBD	JAN 09	OCT 09	YES	
A151, CTG, 7.62MM 4 & 1 LINKED										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2008	293,777	0.43	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH (LCAAP), INDEPENDENCE, MO	JAN 08	OCT 08	YES	

Exhibit P-5a, Procurement History and Planning				Weapon System			Date: FEBRUARY 2008			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				P-1 Line Item Nomenclature: (100000) SMALL ARMS AMMUNITION						
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
HARDWARE										
A260, CTG, 9MM SUBSONIC JHP LOAD, ASSEMBLE & PACK (LAP)										
FY 2008	296,735	0.39	JMC, ROCK ISLAND, IL	OCT 04	C/FP	TBD	JAN 08	JUL 08	YES	
A358, CTG, 9MM TP-T FOR AT-4 LOAD, ASSEMBLE & PACK (LAP)										
FY 2008	346,879	0.63	JMC, ROCK ISLAND, IL	OCT 05	C/OPT	AMMUNITION ACCESSORIES INC, LEWISTON, ID	MAR 08	JAN 09	YES	
FY 2009	1,814,364	0.67	JMC, ROCK ISLAND, IL	OCT 05	C/FP	TBD	APR 09	APR 10	YES	
A363, CTG, 9MM BALL LOAD, ASSEMBLE & PACK (LAP)										
FY 2009	8,008,910	0.14	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	OLIN CORP EAST ALTON, IL	JAN 09	JUL 09	YES	
BOX METAL M2A1 (EA)										
FY 2009	1,618	11.13	JMC, ROCK ISLAND, IL	OCT 04	C/OPT	BWAY CORPORATION, ATLANTA, GA	MAR 09	MAY 09	YES	
FY 2009	6,471	11.13	JMC, ROCK ISLAND, IL	OCT 04	C/OPT	BEST FOAM FAB, CHICAGO, IL	MAR 09	MAY 09	YES	
A555, CTG, CAL .50 M33 LINKED LOAD, ASSEMBLE & PACK (LAP)										
FY 2008	131,409	2.10	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 08	OCT 08	YES	
BOX METAL M2A1 (EA)										
FY 2008	1,073	11.19	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BWAY CORPORATION, ATLANTA, GA	MAR 08	SEP 08	YES	
FY 2008	268	11.19	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BEST FOAM FAB, CHICAGO, IL	MAR 08	SEP 08	YES	
A576, CTG, CAL .50 4 & 1 LINKED LOAD, ASSEMBLE & PACK (LAP)										
FY 2008	7,638,294	2.39	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 08	OCT 08	YES	
FY 2009	6,674,260	3.00	JMC, ROCK ISLAND, IL	OCT 04	C/OTHER	TBD	JAN 09	OCT 09	YES	
BOX METAL M2A1 (EA)										
FY 2008	62,329	10.83	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BWAY CORPORATION, ATLANTA, GA	MAR 08	SEP 08	YES	
FY 2008	15,602	10.83	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BEST FOAM FAB, CHICAGO, IL	MAR 08	SEP 08	YES	
FY 2009	53,952	11.18	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BWAY CORPORATION, ATLANTA, GA	MAR 09	SEP 09	YES	
FY 2009	13,489	11.18	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BEST FOAM FAB, CHICAGO, IL	MAR 09	SEP 09	YES	

Exhibit P-5a, Procurement History and Planning				Weapon System			Date: FEBRUARY 2008			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				P-1 Line Item Nomenclature: (100000) SMALL ARMS AMMUNITION						
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
HARDWARE										
A598, CTG, CAL .50 BLANK LINKED LOAD, ASSEMBLE & PACK (LAP)										
FY 2008	183,376	1.00	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 08	OCT 08	YES	
FY 2009	104,634	0.97	JMC, ROCK ISLAND, IL	OCT 04	C/OTHER	TBD	JAN 09	OCT 09	YES	
BOX METAL M2A1 (EA)										
FY 2008	1,497	10.69	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BWAY CORPORATION, ATLANTA, GA	MAR 08	SEP 08	YES	
FY 2008	374	10.69	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BEST FOAM FAB, CHICAGO, IL	MAR 08	SEP 08	YES	
FY 2009	846	11.35	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BWAY CORPORATION, ATLANTA, GA	MAR 09	SEP 09	YES	
FY 2009	211	11.35	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BEST FOAM FAB, CHICAGO, IL	MAR 09	SEP 09	YES	
A606, CTG, CAL .50 API SNIPER RIFLE LOAD, ASSEMBLE & PACK (LAP)										
FY 2008	1,008,614	8.08	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 08	OCT 08	YES	
FY 2009	24,745	9.74	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 09	OCT 09	YES	
BOX METAL M2A1 (EA)										
FY 2008	6,859	10.85	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BWAY CORPORATION, ATLANTA, GA	MAR 08	SEP 08	YES	
FY 2008	1,715	10.83	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BEST FOAM FAB, CHICAGO, IL	MAR 08	SEP 08	YES	
FY 2009	208	9.62	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BWAY CORPORATION, ATLANTA, GA	MAR 09	SEP 09	YES	
AA11, CTG, 7.62MM BALL LONG RANGE LOAD, ASSEMBLE & PACK (LAP)										
FY 2008	329,898	0.57	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 08	OCT 08	YES	
FY 2009	3,011,884	0.70	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 09	OCT 09	YES	
BOX METAL M2A1 (EA)										
FY 2008	581	11.02	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BWAY CORPORATION, ATLANTA, GA	MAR 08	SEP 08	YES	
FY 2008	145	11.02	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BEST FOAM FAB, CHICAGO, IL	MAR 08	SEP 08	YES	
FY 2009	5,302	11.17	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BWAY CORPORATION, ATLANTA, GA	MAR 09	SEP 09	YES	
FY 2009	1,325	11.17	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BEST FOAM FAB, CHICAGO, IL	MAR 09	SEP 09	YES	
AA38, CTG, CAL .50 SLAP-T COMPLETE ROUND										
FY 2008	2,482	13.70	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	OLIN CORP, EAST ALTON, IL	JAN 08	OCT 08	YES	

Exhibit P-21, Production Schedule															Date: FEBRUARY 2008															
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition										Weapon System					P-1 Line Item Nomenclature: (100000) SMALL ARMS AMMUNITION															
Item	Manufacturer's Name and Location					PRODUCTION RATE			PROCUREMENT LEADTIMES										Total	Unit of Measure										
	MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT																							
A059	1 ALLIANT TECH (LCAAP), INDEPENDENCE, MO					0.0	19.4	67.5	6	3	9	9											12	M						
	2 GENERAL DYNAMICS ORD & TAC, ST. PETERSBURG, FL					0.0	5.7	14.2	6	8	9	9											17	M						
Fiscal Year 2006															Fiscal Year 2007															
Calendar Year 2006															Calendar Year 2007															
Item	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B
	Y	V	T	E	A	C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	U	U	U	E	A
A059	2008	MC1	287	0	287																									287
	2008	MC2	69.9	0	69.9																									69.9
	2009	MC1	83.8	0	83.8																									83.8
Fiscal Year 2008															Fiscal Year 2009															
Calendar Year 2008															Calendar Year 2009															
Item	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B
	Y	V	T	E	A	C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	U	U	U	E	A
A059	2008	MC1	287	0	287				A									24	24	24	24	24	24	24	24	24	24	24	23	0
	2008	MC2	69.9	0	69.9									A									6	6	6	6	6	6	6	27.9
	2009	MC1	83.8	0	83.8																A									83.8

REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.

Exhibit P-21, Production Schedule	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	Weapon System	P-1 Line Item Nomenclature: (100000) SMALL ARMS AMMUNITION
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Item	Manufacturer's Name and Location	PRODUCTION RATE			PROCUREMENT LEADTIMES					
		MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure
A111	1 TBD	0	5.16	17.77	6	3	9	9	12	M

Fiscal Year 2006	Fiscal Year 2007
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Item	Calendar Year 2006												Calendar Year 2007																	
	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B
Y	V	T	E	A	C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	U	U	U	E	A	
A111	2009	MC1	26.2	0	26.2																									26.2

Fiscal Year 2008	Fiscal Year 2009
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Item	Calendar Year 2008												Calendar Year 2009																	
	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B
Y	V	T	E	A	C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	U	U	U	E	A	
A111	2009	MC1	26.2	0	26.2																									26.2

REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.

Exhibit P-21, Production Schedule																		Date: FEBRUARY 2008																	
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition												Weapon System			P-1 Line Item Nomenclature: (100000) SMALL ARMS AMMUNITION																				
PRODUCTION RATE																		PROCUREMENT LEADTIMES																	
Item	Manufacturer's Name and Location																	MSR	ECON	MAX	ALT Prior to		ALT After		Initial Mfg		Reorder Mfg		Total	Unit of Measure					
	Oct 1	Oct 1	PLT	PLT																															
All1	1 TBD																	0	5.16	17.77	6		3		9		9		12	M					
Fiscal Year 2010																		Fiscal Year 2011																	
Item	Calendar Year 2010																	Calendar Year 2011																	
	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B O C					
All1	2009	MC1	26.2	0	26.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2													0					
Fiscal Year 2012																		Fiscal Year 2013																	
Item	Calendar Year 2012																	Calendar Year 2013																	
	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B O C					
REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.																																			

Exhibit P-21, Production Schedule Date: FEBRUARY 2008

Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition Weapon System P-1 Line Item Nomenclature: (100000) SMALL ARMS AMMUNITION

Item	Manufacturer's Name and Location	PRODUCTION RATE			PROCUREMENT LEADTIMES						Unit of Measure
		MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total		
A131	1 ALLIANT TECH (LCAAP), INDEPENDENCE, MO	0.0	13.85	47.80	6	3	9	9	12	M	
	2 TBD	0.0	5.0	10.0	6	8	9	9	17	M	

Fiscal Year 2006 Fiscal Year 2007

Item	Calendar Year 2006												Calendar Year 2007																	
	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B
A131	2008	MC1	27.3	0	27.3																									27.3
	2009	MC2	25.2	0	25.2																									25.2

Fiscal Year 2008 Fiscal Year 2009

Item	Calendar Year 2008												Calendar Year 2009																	
	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B
A131	2008	MC1	27.3	0	27.3				A									2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2	0
	2009	MC2	25.2	0	25.2																						A			25.2

REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.

Exhibit P-21, Production Schedule															Date: FEBRUARY 2008																			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition										Weapon System					P-1 Line Item Nomenclature: (100000) SMALL ARMS AMMUNITION																			
															PRODUCTION RATE					PROCUREMENT LEADTIMES														
Item		Manufacturer's Name and Location					MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																			
A131		1 ALLIANT TECH (LCAAP), INDEPENDENCE, MO					0.0	13.85	47.80	6	3	9	9	12	M																			
		2 TBD					0.0	5.0	10.0	6	8	9	9	17	M																			
															Fiscal Year 2010					Fiscal Year 2011														
															Calendar Year 2010										Calendar Year 2011									
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	O C T	N O V	D E C		
A131	2008	MC1	27.3	27.3	0																												0	
	2009	MC2	25.2	0	25.2						2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1										0		
															Fiscal Year 2012					Fiscal Year 2013														
															Calendar Year 2012										Calendar Year 2013									
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	O C T	N O V	D E C		
REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.																																		

Exhibit P-21, Production Schedule Date: FEBRUARY 2008

Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition Weapon System P-1 Line Item Nomenclature: (100000) SMALL ARMS AMMUNITION

Item	Manufacturer's Name and Location	PRODUCTION RATE			PROCUREMENT LEADTIMES						Total	Unit of Measure
		MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT				
A576	1 ALLIANT TECH (LCAAP), INDEPENDENCE, MO	0.0	1.15	3.96	6	3	9	9			12	M
	2 TBD	0	1.15	3.96	6	3	9	9			12	M

Fiscal Year 2006 Fiscal Year 2007

Item	Calendar Year 2006												Calendar Year 2007																	
	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B
A576	2008	MC1	7.64	0	7.64																									7.64
	2009	MC2	6.67	0	6.67																									6.67

Fiscal Year 2008 Fiscal Year 2009

Item	Calendar Year 2008												Calendar Year 2009																	
	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B
A576	2008	MC1	7.64	0	7.64																									0
	2009	MC2	6.67	0	6.67																									6.67

REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.

Exhibit P-21, Production Schedule Date: FEBRUARY 2008

Appropriation Code/Budget Activity/Serial Number: Weapon System
 Procurement of Ammunition, Navy and Marine Corps/2/Ammunition P-1 Line Item Nomenclature: (100000) SMALL ARMS AMMUNITION

Item	Manufacturer's Name and Location	PRODUCTION RATE			PROCUREMENT LEADTIMES					
		MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure
A576	1 ALLIANT TECH (LCAAP), INDEPENDENCE, MO	0.0	1.15	3.96	6	3	9	9	12	M
	2 TBD	0.0	0.30	0.75	6	3	9	9	12	M

Fiscal Year 2010 Fiscal Year 2011

Item	Calendar Year 2010												Calendar Year 2011																	
	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B
A576	2008	MC1	7.64	7.64	0																									0
	2009	MC2	6.67	0	6.67	0.56	0.55	0.55	0.55	0.56	0.56	0.55	0.55	0.56	0.55	0.56	0.57													0

Fiscal Year 2012 Fiscal Year 2013

Item	Calendar Year 2012												Calendar Year 2013																	
	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B

REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.

Exhibit P-40, Budget Item Justification	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (101000) 5.56MM, ALL TYPES
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Program Element for Code B Items:	Other Related Program Elements
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	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY2013	To Complete	Total Program
Proc Qty										
Gross Cost	A	32.398	0.000	0.000	0.000	0.000	0.000	0.000		32.398

Description: The Cartridge, Ball M855 10/Clip (DODIC A059) is the primary ball ammunition for the M16A2 Rifle and can be used in the M249 Squad Automatic Weapon (SAW) with a magazine.

The Cartridge, 5.56mm Ball M855 Linked (DODIC A062) is used in the M249 Squad Automatic Weapon (SAW) Machine Gun and is intended for training during dry conditions where tracer ammunition is restricted from use.

The Cartridge, 5.56mm 4 Ball M855/1 Tracer M856 Linked (DODIC A064) is the standard ammunition used for combat and training in the M249 Squad Automatic Weapon (SAW) Machine Gun. The M856 Tracer cartridge is intended to permit visible observation of the bullet's in-flight path or trajectory to the point of impact.

The Cartridge, 5.56mm Blank M200 Single Round (DODIC A080) is used in the M16A2 Rifle and can be used in the M249 Squad Automatic Weapon (SAW) Machine Gun with a magazine. It is designed to simulate firing during training exercises. The cartridge can be identified by a rosette crimp closure of the cartridge mouth.

The Cartridge, 5.56mm special match, MK 262, Non-MOLY coated (Tactical) (DODIC AA53) round provides added lethality to the M4 weapon. This .77 grain cartridge enhances special operations capabilities.

Cartridge 5.56 Special Match Molydenum Coated (DODIC AA67). This cartridge is in support of the Marine Corps Competition in Arms Program.

The Cartridge, 5.56mm Plastic Ball Practice M862 (DODIC AA68) is a short range cartridge used for training purposes with the M16 and M4 Series Rifles adapted with the M2 bolt.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

*Beginning in FY08, funding moved to PANMC 1000 Small Arms Ammunition.

1. Received \$21.095M in FY07 GWOT.
2. Received \$0M in FY08 from the 2008 Consolidated Appropriation Act, Division L.
3. FY08 funding totals do not include \$0M previously requested for current FY08 GWOT requirements.

Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (101000) 5.56MM, ALL TYPES
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	ID Code	FY 2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013			
AA53, CTG, 5.56MM NON MOLY COATED	A	0.196									
QTY		369,811									
AA67, CTG 5.56MM MOLLY COATED	A	0.498									
QTY		996,000									
P40a Total		0.694									Exhibit P-40a

Exhibit P-5, Cost Analysis			Weapon System			Date: FEBRUARY 2008						
Appropriation Code/Budget Activity/Serial Number:			ID Code:			P-1 Line Item Nomenclature:						
Procurement of Ammunition, Navy and Marine Corps/2/Ammunition			A			(101000) 5.56MM, ALL TYPES						
WBS COST ELEMENTS	FY07			FY08			FY09			Total Cost	Qty	Unit Cost
	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost			
HARDWARE												
A059, CTG, 5.56MM BALL*												
LOAD, ASSEMBLE & PACK (LAP)	24.750	112,495,461	0.22									
BOX METAL M2A1 (EA)	1.250	136,120	9.18									
A062, CTG, 5.56MM BALL LINKED*												
LOAD, ASSEMBLE & PACK (LAP)	0.250	884,899	0.28									
A064, CTG, 5.56MM 4 & 1 LINKED*												
LOAD, ASSEMBLE & PACK (LAP)	1.705	3,786,984	0.45									
A080, CTG, 5.56MM BLANK												
LOAD, ASSEMBLE & PACK (LAP)	0.288	2,636,052	0.11									
BOX METAL M2A1 (EA)	0.022	2,347	9.19									
AA68, CTG 5.56MM SRTA												
COMPLETE ROUND	0.592	1,794,200	0.33									
PRODUCT												
ACCEPTANCE TESTING	0.080											
PRODUCT ENGINEERING	0.612											
PRODUCTION ENGINEERING	0.278											
QUALITY ASSURANCE	0.007											
NONRECURRING												
CONTINGENCY	1.870											
TOTAL												
	31.704											

Exhibit P-5a, Procurement History and Planning				Weapon System			Date: FEBRUARY 2008			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				P-1 Line Item Nomenclature: (101000) 5.56MM, ALL TYPES						
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
A059, CTG, 5.56MM BALL LOAD, ASSEMBLE & PACK (LAP)										
FY 2007	94,470,741	0.22	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 07	OCT 07	YES	
FY 2007	18,024,720	0.22	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	GENERAL DYNAMICS ORD & TAC, ST. PETERSBURG, FL	JUN 07	FEB 09	YES	
BOX METAL M2A1(EA)										
FY 2007	27,224	9.18	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BEST FOAM FAB, CHICAGO, IL	MAR 07	SEP 07	YES	
FY 2007	108,896	9.18	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BWAY CORPORATION, ATLANTA, GA	JUL 07	SEP 07	YES	
A062, CTG, 5.56MM BALL LINKED LOAD, ASSEMBLE & PACK (LAP)										
FY 2007	884,899	0.28	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH, INDEPENDENCE, MO	JAN 07	AUG 07	YES	
A064, CTG, 5.56MM 4 & 1 LINKED LOAD, ASSEMBLE & PACK (LAP)										
FY 2007	3,786,984	0.45	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 07	OCT 07	YES	
A080, CTG, 5.56MM BLANK LOAD, ASSEMBLE & PACK (LAP)										
FY 2007	2,636,052	0.11	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 07	OCT 07	YES	
BOX METAL M2A1(EA)										
FY 2007	469	9.19	JMC, ROCK ISLAND, IL	OCT 04	C/OPT	BWAY CORPORATION, ATLANTA, GA	MAR 07	AUG 07	YES	
FY 2007	1,878	9.19	JMC, ROCK ISLAND, IL	OCT 05	C/OPT	BEST FOAM FAB, CHICAGO, IL	MAR 07	AUG 07		
AA68, CTG 5.56MM SRTA LOAD, ASSEMBLE & PACK (LAP)										
FY 2007	1,794,200	0.33	JMC, ROCK ISLAND, IL	OCT 05	SS/FP	OLIN WINCHESTER, EAST ALTON, IL	MAR 07	MAR 08	YES	

Exhibit P-40, Budget Item Justification							Date: FEBRUARY 2008				
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				P-1 Item Nomenclature: (102000) 7.62MM, ALL TYPES							
Program Element for Code B Items:				Other Related Program Elements							
	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program	
Proc Qty											
Gross Cost	A	26.713	0.000	0.000	0.000	0.000	0.000	0.000		26.713	
<p>Description: The Cartridge, 7.62MM (DODIC A102) ball ammunition is designed for use with the AK47 rifle to provide simulated enemy actions during training evolutions.</p> <p>The Cartridge, 7.62MM blank (DODIC A103) is designed for training exercises to simulate live fire with the AK47 assault rifle.</p> <p>The Cartridge, 7.62MM 4 Ball M80/1 Tracer M62 Linked (DODIC A131) is mainly used in the M240 Machine Guns against personnel and unarmored targets. The M62 Tracer round is intended to permit visible observation of the bullet's in-flight path or trajectory to the point of impact.</p> <p>The Cartridge, 7.62MM Ball M80 Linked (DODIC A143) is used mainly in the M240 machine guns against personnel and unarmored targets. The DODIC A143 is used to augment DODIC A131 as dictated by local fire conditions.</p> <p>The Cartridge, 7.62MM 4 M80 Ball/1 M62 Tracer Linked (DODIC A151) is mainly used in the M240 Machine Gun for training when overhead fire is required. The M62 Tracer round is intended to permit visible observation of the bullet's in-flight path or trajectory to the point of impact.</p> <p>The Cartridge, 7.62MM Long Range M118 LR (DODIC AA11) is intended for long-range sniper and match firing and is used in the M86 Sniper and the M14 Rifles. This cartridge is used in training and for missions demanding accurate single fire that typically involves sniper and marksmanship applications.</p> <p>Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.</p> <p>Beginning in FY08, funding moved to PANMC 1000 Small Arms Ammunition.</p> <p>Received \$12.807M in FY07 GWOT.</p>											

Exhibit P-40a, Budget Item Justification for Aggregated Items	Date:
	FEBRUARY 2008

Appropriation Code/Budget Activity/Serial Number:	P-1 Item Nomenclature:
Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	(102000) 7.62MM, ALL TYPES

	ID Code	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013		
A102, CTG, 7.62MM X 39 FOR AK-47	A	0.165								
QTY		532,258								
A103, CTG 7.62MM X 39 BLANK F/AK-47	A	0.198								
QTY		638,709								
P40a Total		0.363								

Exhibit P-5, Cost Analysis		Weapon System			Date: FEBRUARY 2008							
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				ID Code: A	P-1 Line Item Nomenclature: (102000) 7.62MM, ALL TYPES							
WBS COST ELEMENTS	FY07			FY08			FY09			Total Cost	Qty	Unit Cost
	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost			
HARDWARE												
A131, CTG, 7.62MM 4 & 1 LINKED*												
LOAD, ASSEMBLE & PACK (LAP)	23.401	43,335,200	0.54									
A143, CTG, 7.62MM BALL LINKED*												
LOAD, ASSEMBLE & PACK (LAP)	0.568	1,073,600	0.53									
A151, CTG, 7.62MM 4 & 1 LINKED*												
LOAD, ASSEMBLE & PACK (LAP)	0.420	1,034,400	0.41									
AA11, CTG, 7.62MM BALL LONG RANGE*												
LOAD, ASSEMBLE & PACK (LAP)	0.990	1,845,519	0.54									
BOX, METAL, MA1 (EA)	0.037	4,061	9.11									
PRODUCTION ENGINEERING	0.119											
QUALITY ASSURANCE	0.249											
ACCEPTANCE TESTING												
NONRECURRING												
EXCESS TO PROGRAM	0.566											
TOTAL	26.350											

Exhibit P-5a, Procurement History and Planning				Weapon System			Date:			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				P-1 Line Item Nomenclature: (102000) 7.62MM, ALL TYPES						
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
HARDWARE										
A131, CTG, 7.62MM 4 & 1 LINKED										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2007	39,516,800	0.54	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 07	OCT 07	YES	
FY 2007	3,818,400	0.54	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	GENERAL DYNAMICS ORD & TAC, ST. PETERSBURG, FL	JAN 07	OCT 07	YES	
A143, CTG, 7.62MM BALL LINKED										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2007	1,073,600	0.53	JMC, ROCK ISLAND, IL	OCT 05	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JUN 07	MAR 08	YES	
A151, CTG, 7.62MM 4 & 1 LINKED										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2007	1,034,400	0.41	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 07	OCT 07	YES	
AA11, CTG, 7.62MM BALL LONG RANGE										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2007	1,845,519	0.54	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 07	OCT 07	YES	
BOX, METAL, M2A1 (EA)										
FY 2007	812	9.11	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BWAY CORPORATION, ATLANTA, GA	MAR 07	SEP 07	YES	
FY 2007	3,249	9.11	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BEST FOAM FAB, CHICAGO, IL	MAR 07	SEP 07	YES	

Exhibit P-40, Budget Item Justification	Date: February 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (103000) LINEAR CHARGES, ALL TYPES
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Program Element for Code B Items:	Other Related Program Elements
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	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Proc Qty										
Gross Cost	A	16.595	12.661	17.677	21.014	19.665	32.041	32.906		152.559

Description: The Rocket Motor, 5-inch MK22 Mod 4 (DODIC J143) is a solid-fuel motor used for towing M58, M59, M68A2, and M69 Linear Demolition Charges (LDCs) into the air over obstacles or minefields for breaching, training, or test applications. The rocket motor is approximately 77 inches long, 5 inches in diameter, weighs 128 pounds, and contains 42 pounds of N-5 double-base propellant.

The Charge, Demolition High Explosive Linear M58A4 (DODIC M913) is a trailer-mounted and rocket-towed linear demolition charge designed to provide a clear path for combat vehicles during minefield and barrier breaching operations. The demolition section consists primarily of a 3/4-inch nylon core rope, 700 composition C4 demolition blocks, and two strands of pentaerythritol tetranitrate (PETN) detonating cord. The total explosive weight of the demolition blocks is 1,750 pounds.

The Charge, Demolition Inert Linear M68A2 (DODIC M914) is a trailer-mounted and rocket-towed inert linear demolition charge designed to simulate the launch and deployment characteristics of the M58A4 linear demolition charge for the purpose of training.

The MK7 MOD 2 mine clearing system, Anti-Personnel Obstacle Breaching System (APOBS) (DODIC MN79) consists of a line charge assembly and a fuze/rocket motor assembly. This item is a lightweight, self-contained, one-shot expendable system that is transported and deployed by a two-man team. APOBS uses the MK126 MOD1 rocket motor to propel a line charge over the obstacle. It is employed in combat operations to breach a lane through wire and anti-personnel mine obstacles.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

FY2007 funding total includes \$6.628M received in GWOT supplemental.
 FY2008 funding total includes \$3.875M received in the 2008 Consolidated Appropriation Act, Division L.
 FY2008 funding totals do not include \$3.874M previously requested for current FY08 GWOT requirements.

Exhibit P-40a, Budget Item Justification for Aggregated Items	Date: February 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (103000) LINEAR CHARGES, ALL TYPES
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	ID Code	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013			
J143, ROCKET MOTOR, 5 INCH	A	3.469	0.000	3.684							
QTY		420	0	370							
M914, CHARGE, DEMO INERT LINEAR	A	0.022	0.000	0.000							
QTY		0	0	0							
P40a Total		3.491	0.000	3.684							

Exhibit P-5, Cost Analysis			Weapon System			Date: February 2008						
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition			ID Code: A	P-1 Line Item Nomenclature: (103000) LINEAR CHARGES, ALL TYPES								
WBS COST ELEMENTS	FY07			FY08			FY09			Total Cost	Qty	Unit Cost
	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost			
HARDWARE												
M913, CHARGE, DEMO LINEAR HE*												
LOAD, ASSEMBLE & PACK (LAP)	3.831	150	25540.00									
COMP C-4 CLASS 3(LB)	1.724	272,000	6.34									
FUZE ELECTRIC M1134A4 (EA)	0.290	150	1937.98									
MN79, APERS OBSTACLE BREACHING SYS												
LOAD, ASSEMBLE & PACK (LAP)	6.883	689	9990.00	12.647	1266	9990.00	13.896	1,391	9990.00			
PRODUCT												
ACCEPTANCE TESTING	0.155											
PRODUCTION ENGINEERING	0.412			0.014			0.097					
QUALITY ASSURANCE	0.380											
NONRECURRING												
GOVERNMENT FURNISHED MATERIAL	-0.571											
REFURBISHED CONTAINERS												
*UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS												
TOTAL	13.104			12.661			13.993					

BLI 103000

Exhibit P-5a, Procurement History and Planning				Weapon System			Date: February 2008				
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				P-1 Line Item Nomenclature: (103000) LINEAR CHARGES, ALL TYPES							
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available	
M913, CHARGE, DEMO LINEAR HE											
LOAD, ASSEMBLE & PACK (LAP)											
FY 2007	150	25540	CRANE AAP, CRANE, IN	DEC 06	C/FFP	AMERICAN ORDNANCE, MILAN, TN	MAR 08	AUG 09	YES		
COMP C-4 CLASS 3 (LB)											
FY 2007	272,000	6.34	CRANE AAP, CRANE, IN	DEC 06	C/FP	BAE HOLSTON AAP, KINGSPORT, TN	MAR 08	AUG 09	YES		
FUZE ELECTRIC M1134A4 (EA)											
FY 2007	150	1937.98	CRANE AAP, CRANE, IN	DEC 06	C/FP	STOCK ISSUE	MAR 08	AUG 09	YES		
MN79, APERS OBSTACLE BREACHING											
LOAD, ASSEMBLE & PACK (LAP)											
F7 2007	689	9990.00	MCSC, QUANTICO, VA	FEB 06	C/FFP	ENSIGN-BICKFORD, GRAHAM, KY	DEC 06	JUN 07	YES		
FY 2008	1,266	9990.00	MCSC, QUANTICO, VA	FEB 06	C/FFP	ENSIGN-BICKFORD, GRAHAM, KY	DEC 07	JUN 08	YES		
FY 2009	1,391	9990.00	MCSC, QUANTICO, VA	FEB 06	C/FFP	ENSIGN-BICKFORD, GRAHAM, KY	DEC 08	JUN 09	YES		

Exhibit P-21, Production Schedule Date: February 2008

Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition Weapon System P-1 Line Item Nomenclature: (103000) DODIC: M913, CHARGE, DEMO LINEAR HE

Item	Manufacturer's Name and Location	PRODUCTION RATE			PROCUREMENT LEADTIMES				Total	Unit of Measure
		MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT		
M913	1 AMERICAN ORD, MILAN, TN	.1	.15	.3	6	11	17	17	28	K

Fiscal Year 2007 Fiscal Year 2008

Item	Calendar Year 2007												Calendar Year 2008																			
	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B		
M913	2007	MC1	0.15	0	0.15																											0.15

Fiscal Year 2009 Fiscal Year 2010

Item	Calendar Year 2009												Calendar Year 2010																				
	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B			
M913	2007	MC1	0.15	0	0.15																												

REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES. □

Exhibit P-21, Production Schedule															Date: February 2008																
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition										Weapon System					P-1 Line Item Nomenclature: (103000) DODIC: MN79, APERS OBSTACLE BREACHING SYS																
					PRODUCTION RATE					PROCUREMENT LEADTIMES																					
Item		Manufacturer's Name and Location			MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																		
MN79		1 ENSIGN-BICKFORD, GRAHAM, KY			.1	.15	.3	3	2	6	6	8	K																		
Fiscal Year 2007															Fiscal Year 2008																
Calendar Year 2007															Calendar Year 2008																
Item	F Y	S V C	Q T Y	D E L	B A L	O A T	N O V	D E C	J A N	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	B A L	
MN79	2007	MC1	0.69	0	0.69			A						0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.03					0	
	2008	MC1	1.27	0	1.27																A					0.11	0.11	0.11	0.11	0.83	
	2009	MC1	1.39	0	1.39																									1.39	
Fiscal Year 2009															Fiscal Year 2010																
Calendar Year 2009															Calendar Year 2010																
Item	F Y	S V C	Q T Y	D E L	B A L	O A T	N O V	D E C	J A N	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	B A L	
MN79	2007	MC1	0.69	0.69	0																									0	
	2008	MC1	1.27	0.44	0.83	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.06																	0	
	2009	MC1	1.39	0	1.39			A						0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.07				0	
REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES. □																															

Exhibit P-40, Budget Item Justification	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (104000) .50 CALIBER
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Program Element for Code B Items:	Other Related Program Elements
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	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Proc Qty										
Gross Cost	A	10.492	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.492

Description: The Cartridge, Caliber .50 M33 Linked (DODIC A555) is used in M2 .50 Caliber Machine Guns to augment DODIC A576 as dictated by local fire conditions.

The Cartridge, Caliber .50 4 API M8/1 API-T M20 Linked (DODIC A576) is used in M2 .50 caliber Machine Guns against armored targets. Upon impact with the target, the incendiary mixture bursts into flames and ignites the flammable material.

The Cartridge, Caliber .50 Blank M1A1 Linked (DODIC A598) is used to simulate firing in training exercises using the M2 Machine Guns. The M1A1 Cartridge is identified by the absence of a bullet.

The Cartridge, Caliber .50 API MK211 Mod 0 Single Round (DODIC A606) is used in the M82A3 Special Application Scoped Rifle (SASR) sniper rifle against armored targets. This cartridge is an improved version of the M8-API that provides penetration, fragmentation, and fire starting capabilities upon impact.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

*Beginning in FY08, funding moved to PANMC 1000 Small Arms Ammunition.

FY2007 funding total includes \$7.367M received in GWOT supplemental.

Exhibit P-5, Cost Analysis			Weapon System			Date: FEBRUARY 2008						
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition			ID Code: A	P-1 Line Item Nomenclature: (104000) .50 CALIBER								
WBS COST ELEMENTS	FY07			FY08			FY08			Total Cost	Qty	Unit Cost
	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost			
HARDWARE												
A555, CTG, CAL .50 BALL LINKED												
LOAD, ASSEMBLE & PACK (LAP)	0.767	440,800	1.74									
BOX METAL M2A1 (EA)	0.041	4,497	9.12									
A576, CTG, CAL .50 4 & 1 LINKED												
LOAD, ASSEMBLE & PACK (LAP)	7.958	3,072,400	2.59									
BOX METAL M2A1 (EA)	0.080	8,910	8.98									
A598, CTG, CAL .50 BLANK LINKED M2												
LOAD, ASSEMBLE & PACK (LAP)	0.131	182,600	0.72									
BOX METAL M2A1 (EA)	0.016	1,863	8.59									
A606, CTG, CAL .50 API SNIPER RIFLE												
LOAD, ASSEMBLE & PACK (LAP)	0.344	44,640	7.71									
BOX METAL M2A1 (EA)	0.004	456	8.77									
PRODUCT												
ACCEPTANCE TESTING	0.028											
PRODUCTION ENGINEERING	0.225											
QUALITY ASSURANCE	0.008											
NONRECURRING												
MATERIEL CHANGE	0.020											
PROGRAM SUPPORT	0.870											
*UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS												
TOTAL	10.492											

Exhibit P-5a, Procurement History and Planning					Weapon System		Date:				
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition					P-1 Line Item Nomenclature: (104000) .50 CALIBER						
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available	
HARDWARE											
A555, CTG, CAL .50 BALL LINKED											
LOAD, ASSEMBLY & PACK (LAP)											
FY 2007	440,800	1.74	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 07	OCT 07	YES		
BOX METAL M2A1(EA)											
FY 2007	637	9.12	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BEST FOAM FAB, CHICAGO, IL	MAR 07	SEP 07	YES		
FY 2007	3,860	9.12	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BWAY CORPORATION, ATLANTA, GA	MAR 07	SEP 07	YES		
A576, CTG, CAL .50 4 & 1 LINKED											
LOAD, ASSEMBLY & PACK (LAP)											
FY 2007	875,400	2.59	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 07	OCT 07	YES		
FY 2007	2,197,000	2.59	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	GENERAL DYNAMICS ORD & TAC, ST. PETERSBURG, FL	JUN 07	JUL 08	YES		
BOX METAL M2A1(EA)											
FY 2007	8,910	8.98	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BEST FOAM FAB, CHICAGO, IL	MAR 07	SEP 07	YES		
A598, CTG, CAL .50 BLANK LINKED M2											
LOAD, ASSEMBLY & PACK (LAP)											
FY 2007	182,600	0.72	JMC, ROCK ISLAND, IL	OCT 05	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 07	DEC 07	YES		
BOX METAL M2A1(EA)											
FY 2007	373	8.59	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BEST FOAM FAB, CHICAGO, IL	MAR 07	SEP 07	YES		
FY 2007	1,490	8.59	JMC, ROCK ISLAND, IL	UNKNOWN	C/FFP	BWAY CORPORATION, ATLANTA, GA	MAR 07	SEP 07	YES		
A606, CTG, CAL .50 API SNIPER RIFLE											
LOAD, ASSEMBLY & PACK (LAP)											
FY 2007	44,640	7.71	JMC, ROCK ISLAND, IL	OCT 04	SS/FP	ALLIANT TECH(LCAAP), INDEPENDENCE, MO	JAN 07	OCT 07	YES		
BOX METAL M2A1(EA)											
FY 2007	456	8.77	JMC, ROCK ISLAND, IL	OCT 04	C/OP	BEST FOAM FAB, CHICAGO, IL	MAR 07	SEP 07	YES		

Exhibit P-40, Budget Item Justification	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (105000) 40MM, ALL TYPES
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Program Element for Code B Items:	Other Related Program Elements
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	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program	
Proc Qty											
Gross Cost	A	51.811	77.379	60.433	36.264	39.883	120.948	53.075		439.793	

The Cartridge, 40MM Target Practice (TP) M781 (DODIC B519) is a fixed cartridge of ammunition consisting of a plastic ogive, metal body, and plastic cartridge case. The ogive houses a highly visible yellow-orange dye. The cartridge case is press-fitted with a .38 caliber blank cartridge containing the propellant. This cartridge is fired from the M203 Grenade Launcher and is used for training and contains no high explosive. Upon impact, the projectile ruptures and releases a puff of yellow-orange dye simulating explosive impact.

The Cartridge, 40MM White Star Parachute M583/M583A1 (DODIC B535) is a fixed cartridge of ammunition consisting of a projectile assembly and a cartridge case assembly. This cartridge is fired from the M203 Grenade Launcher and is used for illumination and signaling.

The Cartridge, 40mm High-Explosive Dual-Purpose (HEDP) M430/M430A1 Linked (DODIC B542) is a fixed cartridge of ammunition consisting of an ogive, projectile body, and cartridge case. This cartridge is fired from the MK19 Mod 3 Grenade Machine Gun and is a high explosive, dual-purpose cartridge. The projectile's shaped charge is designed to penetrate two inches of steel armor and inflict personnel casualties in the target area.

The Cartridge, 40mm High-Explosive Dual-Purpose (HEDP) M433 (DODIC B546) is a fixed round of ammunition consisting of an ogive, projectile body, and cartridge case. This cartridge is fired from the M203 Grenade Launcher and is a high explosive, dual-purpose round. The projectile's shaped charge is designed to penetrate two inches of steel armor and inflict personnel casualties in the target area.

The Cartridge, 40mm Target Practice, Linked M281 MD 0 M385A1 (DODIC BA12) is a fixed cartridge consisting of a projectile body, and cartridge case. This cartridge is fired from the MK19 Mod 3 Grenade Machine Gun and is designed for practice or weapon proof testing. The cartridge is procured as a replacement for the M385 (DODIC B576) and the M918 (DODIC B584).

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

1. Received \$13.320M in FY07 GWOT.
2. Received \$23.096M in FY08 from the 2008 Consolidated Appropriation Act, Division L.
3. FY08 funding totals do not include \$23.096M previously requested for current FY08 GWOT requirements.

Exhibit P-5, Cost Analysis			Weapon System			Date: FEBRUARY 2008						
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition			ID Code: A	P-1 Line Item Nomenclature: (105000) 40MM, ALL TYPES								
WBS COST ELEMENTS	FY07			FY08			FY09			Total	Qty	Unit
	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Cost		Cost
HARDWARE												
B519, CTG, 40MM, TARGET PRACTICE FOR M203												
CTG, 40MM, TARGET PRACTICE, M781	3.929	1,060,842	3.70	4.454	1,111,807	4.01	9.626	2,566,272	3.75			
B535, CTG, 40MM WHITE STAR PARACHUTE												
CTG 40MM WHITE STAR PARA M583	2.001	47,971	41.71	8.057	190,801	42.23	0.773	16,395	47.12			
B542, CTG, 40MM, HEDP LINKED FOR MK19												
CTG, 40MM, HEDP, M430/A1	30.405	933,257	32.58	20.175	543,678	37.11	38.806	1,019,414	38.07			
B546, CTG, 40MM HEDP FOR M79/M203												
CTG 40MM HEDP M433	9.207	201,399	45.72									
BA12, CTG, 40MM PRACTICE												
COMPLETE ROUND	4.180	146,427	28.55	43.451	1,495,743	29.05	9.538	342,981	27.81			
PRODUCT												
PRODUCTION ENGINEERING	1.636			1.190			1.626					
QUALITY ASSURANCE	0.076			0.052			0.064					
NON-RECURRING COSTS	0.377											
TOTAL	51.811			77.379			60.433					

Exhibit P-5a, Procurement History and Planning					Weapon System			Date:		
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition					P-1 Line Item Nomenclature: (105000) 40MM, ALL TYPES					
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
B519, CTG, 40MM, TARGET PRACTICE FOR M										
CTG, 40MM, TARGET PRACTICE, M781										
FY 2007	639,000	3.70	JMC, ROCK ISLAND, IL	OCT 05	C/OP	AMTECH CORP JANESVILLE, WI	MAR 07	JAN 08	YES	
FY 2007	421,842	3.70	JMC, ROCK ISLAND, IL	OCT 05	C/OP	DSE, INC (BALIMOY) TAMPA, FL	MAR 07	JAN 08	YES	
FY 2008	611,500	4.01	JMC, ROCK ISLAND, IL	OCT 05	C/OP	AMTECH CORP JANESVILLE, WI	MAR 08	JAN 09	YES	
FY 2008	500,307	4.01	JMC, ROCK ISLAND, IL	OCT 05	C/OP	DSE, INC (BALIMOY) TAMPA, FL	MAR 08	JAN 09	YES	
FY 2009	1,411,400	3.75	JMC, ROCK ISLAND, IL	OCT 05	C/OP	AMTECH CORP JANESVILLE, WI	MAR 09	JAN 10	YES	
FY 2009	1,154,872	3.75	JMC, ROCK ISLAND, IL	OCT 05	C/OP	DSE, INC (BALIMOY) TAMPA, FL	MAR 09	JAN 10	YES	
B535, CTG, 40MM WHITE STAR PARACHUTE										
CTG 40MM WHITE STAR PARA M583										
FY 2007	25,916	41.71	JMC, ROCK ISLAND, IL	OCT 05	C/OP	AMTECH CORP JANESVILLE, WI	MAR 07	JAN 08	YES	
FY 2007	22,055	41.71	JMC, ROCK ISLAND, IL	OCT 05	C/OP	DSE, INC (BALIMOY) TAMPA, FL	MAR 07	JAN 08	YES	
FY 2008	104,940	42.23	JMC, ROCK ISLAND, IL	OCT 05	C/OP	AMTECH CORP JANESVILLE, WI	MAR 08	JAN 09	YES	
FY 2008	85,861	42.23	JMC, ROCK ISLAND, IL	OCT 05	C/OP	DSE, INC (BALIMOY) TAMPA, FL	MAR 08	JAN 09	YES	
FY 2009	9,017	47.12	JMC, ROCK ISLAND, IL	OCT 05	C/OP	AMTECH CORP JANESVILLE, WI	MAR 09	JAN 10	YES	
FY 2009	7,378	47.12	JMC, ROCK ISLAND, IL	OCT 05	C/OP	DSE, INC (BALIMOY) TAMPA, FL	MAR 09	JAN 10	YES	
B542, CTG, 40MM, HEDP LINKED FOR MK19										
CTG, 40MM, HEDP, M430/A1										
FY 2007	513,407	32.58	JMC, ROCK ISLAND, IL	JAN 05	C/OP	AMTECH CORP JANESVILLE, WI	MAR 07	AUG 08	YES	
FY 2007	419,850	32.58	JMC, ROCK ISLAND, IL	JAN 05	C/OP	DSE, INC (BALIMOY) TAMPA, FL	MAR 07	AUG 08	YES	
FY 2008	299,023	37.11	JMC, ROCK ISLAND, IL	JAN 05	C/OP	AMTECH CORP JANESVILLE, WI	MAR 08	AUG 09	YES	
FY 2008	244,655	37.11	JMC, ROCK ISLAND, IL	JAN 05	C/OP	DSE, INC (BALIMOY) TAMPA, FL	MAR 08	AUG 09	YES	
FY 2009	560,678	38.07	JMC, ROCK ISLAND, IL	JAN 05	C/OP	AMTECH CORP JANESVILLE, WI	MAR 09	AUG 10	YES	
FY 2009	458,736	38.07	JMC, ROCK ISLAND, IL	JAN 05	C/OP	DSE, INC (BALIMOY) TAMPA, FL	MAR 09	AUG 10	YES	
B546, CTG, 40MM HEDP FOR M79/M203										
CTG 40MM HEDP M433										
FY 2007	110,769	45.72	JMC, ROCK ISLAND, IL	MAY 06	C/OP	AMTECH CORP JANESVILLE, WI	MAR 07	AUG 08	YES	
FY 2007	90,630	45.72	JMC, ROCK ISLAND, IL	MAY 06	C/OP	DSE, INC (BALIMOY) TAMPA, FL	MAR 07	AUG 08	YES	
BA12, CTG, 40MM PRACTICE										
COMPLETE ROUND										
FY 2007	146,427	28.55	MCSC, QUANTICO, VA	OCT 06	D/IDIQ	NICO PYROTECHNIK, TRITTAU, GE	DEC 06	SEP 07	YES	
FY 2008	1,495,743	29.05	MCSC, QUANTICO, VA	OCT 06	D/IDIQ	NICO PYROTECHNIK, TRITTAU, GE	DEC 07	SEP 08	YES	
FY 2009	342,981	27.81	MCSC, QUANTICO, VA	OCT 06	D/IDIQ	RHEINMETALL-NICO, TRITTAU, GE	DEC 08	SEP 09	YES	

Exhibit P-21, Production Schedule										Date: FEBRUARY 2008																				
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition										Weapon System P-1 Line Item Nomenclature: (105000) DODIC: B519, CTG, 40MM TARGET PRACTICE FOR M203																				
PRODUCTION RATE										PROCUREMENT LEADTIMES																				
Item	Manufacturer's Name and Location									MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure												
B519	1 AMTECH CORP JANESVILLE, WI									0.00	0.23	0.46	6	5	10	10	15	M												
	2 DSE, INC (BALIMOY) TAMPA, FL									0.00	0.23	0.46	6	5	10	10	15	M												
Fiscal Year 2006										Fiscal Year 2007																				
Calendar Year 2006										Calendar Year 2007																				
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B
B519	2007	MC1	0.64	0.00	0.64																		A							0.64
	2007	MC2	0.42	0.00	0.42																		A							0.42
	2008	MC1	0.61	0.00	0.61																									0.61
	2008	MC2	0.50	0.00	0.50																									0.50
	2009	MC1	1.41	0.00	1.41																									1.41
	2009	MC2	1.15	0.00	1.15																									1.15
Fiscal Year 2008										Fiscal Year 2009																				
Calendar Year 2008										Calendar Year 2009																				
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B
B519	2007	MC1	0.64	0.00	0.64				0.15	0.15	0.15	0.15	0.04																	0.00
	2007	MC2	0.42	0.00	0.42				0.15	0.15	0.12																			0.00
	2008	MC1	0.61	0.00	0.61						A										0.15	0.15	0.15	0.16					0.00	
	2008	MC2	0.50	0.00	0.50						A										0.15	0.15	0.15	0.05					0.00	
	2009	MC1	1.41	0.00	1.41																		A							1.41
	2009	MC2	1.15	0.00	1.15																		A							1.15

REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.

Exhibit P-21, Production Schedule	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	Weapon System	P-1 Line Item Nomenclature: (105000) DODIC: B519, CTG, 40MM TARGET PRACTICE FOR M203
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Item	Manufacturer's Name and Location	PRODUCTION RATE			PROCUREMENT LEADTIMES						Unit of Measure
		MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total		
B519	1 AMTECH CORP JANESVILLE, WI	0.00	0.23	0.46	6	5	10	10	15	M	
	2 DSE, INC (BALIMOY) TAMPA, FL	0.00	0.23	0.46	6	5	10	10	15	M	

Item	Fiscal Year 2010												Fiscal Year 2011																	
	Calendar Year 2010												Calendar Year 2011																	
	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B
B519	Y	C	Y	L	L	T	V	C	N	B	R	R	Y	N	L	G	P	T	V	C	N	B	R	R	Y	N	L	G	P	L
	2007	MC1	0.64	0.64	0.00																									0.00
	2007	MC2	0.42	0.42	0.00																									0.00
	2008	MC1	0.61	0.61	0.00																									0.00
	2008	MC2	0.50	0.50	0.00																									0.00
	2009	MC1	1.41	0.00	1.41				0.20	0.20	0.20	0.20	0.20	0.20	0.21															0.00
	2009	MC2	1.15	0.00	1.15				0.20	0.20	0.20	0.20	0.20	0.15																0.00

Item	Fiscal Year 2012												Fiscal Year 2013																		
	Calendar Year 2012												Calendar Year 2013																		
	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B	
	Y	C	Y	L	L	T	V	C	N	B	R	R	Y	N	L	G	P	T	V	C	N	B	R	R	Y	N	L	G	P	L	

REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.

Exhibit P-21, Production Schedule Date: FEBRUARY 2008

Appropriation Code/Budget Activity/Serial Number: Weapon System
 Procurement of Ammunition, Navy and Marine Corps/2/Ammunition P-1 Line Item Nomenclature: (105000) DODIC: B542, CTG, 40MM HEDP LINKED FOR MK19

Item	Manufacturer's Name and Location	PRODUCTION RATE			PROCUREMENT LEADTIMES						Total	Unit of Measure
		MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT				
B542	1 AMTECH CORP JANESVILLE, WI	0.27	0.32	0.50	6	5	17	17	22	M		
	2 DSE, INC (BALIMOY) TAMPA, FL	0.27	0.32	0.50	6	5	17	17	22	M		

Fiscal Year 2006 Fiscal Year 2007

Item	Calendar Year 2006												Calendar Year 2007																	
	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B
B542	2007	MC1	0.51	0.00	0.51																		A							0.51
	2007	MC2	0.42	0.00	0.42																		A							0.42
	2008	MC1	0.30	0.00	0.30																									0.30
	2008	MC2	0.24	0.00	0.24																									0.24
	2009	MC1	0.56	0.00	0.56																									0.56
	2009	MC2	0.46	0.00	0.46																									0.46

Fiscal Year 2008 Fiscal Year 2009

Item	Calendar Year 2008												Calendar Year 2009																
	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
B542	2007	MC1	0.51	0.00	0.51												0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.05	0.05		0.00
	2007	MC2	0.42	0.00	0.42												0.03	0.03	0.03	0.03	0.04	0.03	0.04	0.03	0.04	0.04	0.04		0.00
	2008	MC1	0.30	0.00	0.30							A															0.03	0.03	0.24
	2008	MC2	0.24	0.00	0.24							A															0.02	0.02	0.20
	2009	MC1	0.56	0.00	0.56																		A						0.56
	2009	MC2	0.46	0.00	0.46																		A						0.46

REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.

Exhibit P-21, Production Schedule	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	Weapon System	P-1 Line Item Nomenclature: (105000) DODIC: B542, CTG, 40MM HEDP LINKED FOR MK19
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Item	Manufacturer's Name and Location	PRODUCTION RATE			PROCUREMENT LEADTIMES						Total	Unit of Measure
		MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT				
B542	1 AMTECH CORP JANESVILLE, WI	0.27	0.32	0.50	6	5	17	17			22	M
	2 DSE, INC (BALIMOY) TAMPA, FL	0.27	0.32	0.50	6	5	17	17			22	M

Fiscal Year 2010												Fiscal Year 2011																			
Calendar Year 2010												Calendar Year 2011																			
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B L	
B542	2007	MC1	0.51	0.51	0.00																										0.00
	2007	MC2	0.42	0.42	0.00																										0.00
	2008	MC1	0.30	0.06	0.24	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02																0.00
	2008	MC2	0.24	0.04	0.20	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02																0.00
	2009	MC1	0.56	0.00	0.56											0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05			0.00
	2009	MC2	0.46	0.00	0.46											0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03		0.00

Fiscal Year 2012												Fiscal Year 2013																			
Calendar Year 2012												Calendar Year 2013																			
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B L	

REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.

Exhibit P-21, Production Schedule														Date: FEBRUARY 2008																		
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition											Weapon System			P-1 Line Item Nomenclature: (105000) DODIC: BA12, CTG, 40MM PRACTICE																		
											PRODUCTION RATE			PROCUREMENT LEADTIMES																		
Item	Manufacturer's Name and Location										MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure													
BA12	1 NICO PYROTECHNIK, TRITTAU, GE										0.02	0.08	1.5	3	2	9	9	11	M													
Fiscal Year 2006											Fiscal Year 2007																					
Calendar Year 2006											Calendar Year 2007																					
Item	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B		
	Y	V	T	E	A	C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	U	U	U	E	A		
BA12	2007	MC1	0.15	0.00	0.15																A										0.05	0.10
	2008	MC1	1.50	0.00	1.50																											1.50
	2009	MC1	0.34	0.00	0.34																											0.34
Fiscal Year 2008											Fiscal Year 2009																					
Calendar Year 2008											Calendar Year 2009																					
Item	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B		
	Y	V	T	E	A	C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	U	U	U	E	A		
BA12	2007	MC1	0.15	0.05	0.10	0.05	0.05																									0.00
	2008	MC1	1.50	0.00	1.50			A									0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13		0.00
	2009	MC1	0.34	0.00	0.34																A										0.05	0.29
REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.																																

Exhibit P-21, Production Schedule	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	Weapon System	P-1 Line Item Nomenclature: (105000) DODIC: BA12, CTG, 40MM PRACTICE
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Item	Manufacturer's Name and Location	PRODUCTION RATE			PROCUREMENT LEADTIMES						Unit of Measure
		MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total		
BA12	1 NICO PYROTECHNIK, TRITTAU, GE	0.02	0.08	1.5	3	2	9	9	11	M	

Item	Fiscal Year 2010												Fiscal Year 2011																	
	Calendar Year 2010												Calendar Year 2111																	
	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B
BA12	2007	MC1	0.15	0.15	0.00																									0.00
	2008	MC1	1.50	1.50	0.00																									0.00
	2009	MC1	0.34	0.05	0.29	0.05	0.05	0.05	0.05	0.05	0.04																			0.00

Item	Fiscal Year 2012												Fiscal Year 2013																	
	Calendar Year 2012												Calendar Year 2013																	
	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B

REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.

Exhibit P-40, Budget Item Justification	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (108300) 60MM, ALL TYPES
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Program Element for Code B Items:	Other Related Program Elements
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	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Proc Qty										
Gross Cost	A	26.008	94.816	44.846	25.204	38.234	82.739	99.150		410.997

The Cartridge, 60MM High Explosive M888 (DODIC B643) is a high explosive cartridge for use in the 60MM M224 Lightweight Company Mortar System. It is intended for use against personnel and light materiel targets.

The Cartridge, 60MM Smoke White Phosphorus (WP) M722 (DODIC B646) is a white phosphorus cartridge for use in the 60mm M224 Lightweight Company Mortar System. It is intended for use for spotting purposes.

The Cartridge, 60MM Illuminating M721 (DODIC B647) is an illumination round for use in the 60mm M224 Lightweight Company Mortar System. It is intended for use for illuminating a desired point or area.

The Cartridge, 60MM Smoke White Phosphorus (WP) M722 (DODIC BA14) is a white phosphorus cartridge for use in the 60mm M224 Lightweight Company Mortar System. It is intended for use for spotting purposes.

The Cartridge, 60MM, High Explosive MM720A1 (DODIC BA16), with M734A1 Fuze, is a high explosive cartridge for use in the 60mm M224 Lightweight Company Mortar System. It is intended for use against personnel and light materiel targets.

The Cartridge, 60MM, Mortar, Anti-Personnel, Anti-Material (MAPAM) XM1061 (DODIC BA29), with M734A1 Fuze, is a high explosive cartridge for use in the 60mm M224 Lightweight Company Mortar System. It is intended for use against personnel and light materiel targets.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

Received \$19.740M in FY07 GWOT.

Received \$30.252M in FY08 from the 2008 Consolidated Appropriation Act, Division L.

FY08 funding totals do not include \$30.252M previously requested for current FY08 GWOT requirements.

Exhibit P-5, Cost Analysis			Weapon System			Date: FEBRUARY 2008						
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition			ID Code: A	P-1 Line Item Nomenclature: (108300) 60MM, ALL TYPES								
WBS COST ELEMENTS	FY07			FY08			FY09			Total Cost	Qty	Unit Cost
	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost			
HARDWARE												
B643, CTG, 60MM HE												
LOAD, ASSEMBLE & PACK (LAP)	0.926	23,225	39.90	9.049	290,136	31.19	6.109	141,431	43.20			
M720 PROJ MPTS	0.000	24,154	0.00	9.272	301,741	30.73	5.011	147,088	34.07			
COMP B TYPE I GRADE A(LB)	0.114	46,450	2.47	1.433	580,272	2.47	0.653	282,862	2.31			
M27 FIN ASSEMBLY	0.000	24,154	0.00	2.293	301,741	7.60	0.947	147,088	6.44			
M702 IGNITION CARTRIDGE	0.369	24,154	15.28	5.334	301,741	17.68	2.435	147,088	16.56			
LAP, CHG PROP M204	0.251	96,616	2.60	2.401	1,206,965	1.99	1.759	588,352	2.99			
CONTAINER ASSY M204 (EA)	0.451	94,758	4.77	4.095	1,183,754	3.46	3.998	577,038	6.93			
M935 FUZE	0.000	23,921	0.00	15.097	298,840	50.52	7.961	145,673	54.65			
COMP A-5 CLASS 1(LB)	0.001	69	3.21	0.002	870	3.21	0.001	424	3.12			
B646, CTG, 60MM SMOKE WP												
LAP, CTG, 60MM, M722A1				1.091	6,192	176.21						
FUZE, PD, M745				0.866	6,439	134.50						
BODY TUBE AND TAIL CONE				0.273	6,439	42.50						
IGNITION CTG, 60MM, M702				0.100	6,439	15.55						
PROPELLANT CHARGE, 60MM, M235				0.320	25,758	12.44						
FIN ASSY, 60MM, M27				0.040	6,439	6.22						
BURSTER ASSEMBLY, 60MM, SMOKE				0.040	6,439	6.22						
BA14, CTG, 60MM SMOKE WP												
LAP, CTG, 60MM, M722A1	5.111	38,372	133.21									
FUZE, PD, M783	7.347	39,906	184.13									
BODY TUBE AND TAIL CONE	1.077	39,906	26.99									
IGNITION CTG, 60MM, M702	0.609	39,906	15.28									
PROPELLANT CHARGE, 60MM, M235	1.395	159,627	8.74									
FIN ASSY, 60MM, M27	0.237	39,906	5.95									
BURSTER ASSEMBLY, 60MM, SMOKE	1.396	39,906	35.00									
SUB-TOTAL	19.284			51.706			28.874					

Exhibit P-5, Cost Analysis			Weapon System			Date:						
						FEBRUARY 2008						
Appropriation Code/Budget Activity/Serial Number:			ID Code:	P-1 Line Item Nomenclature:								
Procurement of Ammunition, Navy and Marine Corps/2/Ammunition			A	(108300) 60MM, ALL TYPES								
	FY07			FY08			FY09			Total Cost	Qty	Unit Cost
	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost			
WBS COST ELEMENTS												
HARDWARE												
B647, CTG, 60MM ILLUM												
LAP, CTG, 60MM, M722A1				1.581	17,002	93.00						
FUZE, MTSQ, M776				2.811	17,682	159.00						
BODY TUBE AND TAIL CONE				0.477	17,682	27.00						
IGNITION CTG, 60MM, M702				0.282	17,682	16.00						
PROPELLENT CHARGE, 60MM, M235				0.565	70,728	8.00						
FIN ASSY, 60MM, M27				0.106	17,682	6.00						
VL ILLUM CANNISTER, 60MM				2.864	17,682	162.00						
PARACHUTES, 60MM				0.300	17,682	17.00						
BA16, CTG, 60MM HE												
LOAD, ASSEMBLE & PACK (LAP)				4.752	81,941	58.00	1.126	25,613	44.00			
M734A1 FUZE				18.151	85,218	213.00	6.792	26,637	255.00			
SHELL BODY				3.493	85,218	41.00	1.198	26,637	45.00			
IGNITION CARTRIDGE, 60MM, M702				1.363	85,218	16.00	0.426	26,637	16.00			
PROPELLING CHARGE, 60MM, M235				2.726	340,874	8.00	0.852	106,550	8.00			
FIN ASSEMBLY, 60MM, M27				0.511	85,218	6.00	0.159	26,637	6.00			
BA29, CTG, 60MM MAPAM												
LOAD, ASSEMBLE & PACK (LAP)	2.826	4,156	680.00				1.845	2,612	706.57			
FUZE, M734A1	0.905	4,322	209.41				0.588	2,716	216.75			
BALL BEARING MATRIX	0.000	4,322	0.00				0.000	2,716	0.00			
IGNITION CHARGE	0.066	4,322	15.28				0.044	2,716	16.30			
PROPELLING CHARGE	0.133	17,288	7.72				0.090	10,865	8.30			
FIN ASSEMBLY	0.025	4,322	5.95				0.016	2,716	6.07			
PRODUCT												
PRODUCTION ENGINEERING	1.739			1.573			1.566					
QUALITY ASSURANCE	0.422			1.458			0.352					
ACCEPTANCE TESTING	0.723			1.532			1.572					
NON-RECURRING COSTS												
GOVERNMENT FURNISHED MATERIAL	-0.115			-1.435			-0.654					
SUB-TOTAL	6.724			43.110			15.972					
TOTAL	26.008			94.816			44.846					

Exhibit P-5a, Procurement History and Planning					Weapon System		Date: FEBRUARY 2008			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				P-1 Line Item Nomenclature: (108300) 60MM, ALL TYPES						
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
B643, CTG, 60MM HE										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2007	23,225	39.90	JMC, ROCK ISLAND, IL	UNKNOWN	C/OP	CANADIAN COMM CORP, ONT CAN	AUG 07	AUG 09	YES	
FY 2008	290,136	31.19	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	TBD	MAR 08	SEP 09	YES	
FY 2009	141,431	43.20	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	TBD	DEC 09	SEP 10	YES	
M720 PROJ MPTS										
FY 2007	24,154	0.00	JMC, ROCK ISLAND, IL	UNKNOWN	C/OP	MEDICO IND, WILKES-BARRE, PA	AUG 07	JUL 08	YES	
FY 2008	301,741	30.73	JMC, ROCK ISLAND, IL	UNKNOWN	C/OP	MEDICO IND, WILKES-BARRE, PA	MAR 08	JUL 08	YES	
FY 2009	147,088	34.07	JMC, ROCK ISLAND, IL	UNKNOWN	C/OP	TBD	DEC 08	JUL 09	YES	
COMP B TYPE I GRADE A(LB)										
FY 2007	46,450	2.47	N/A	N/A	N/A	STOCK ISSUE	N/A	N/A	YES	
FY 2008	580,272	2.47	N/A	N/A	N/A	STOCK ISSUE	N/A	N/A	YES	
FY 2009	282,862	2.31	N/A	N/A	N/A	STOCK ISSUE	N/A	N/A	YES	
M27 FIN ASSEMBLY										
FY 2007	24,154	0.00	JMC, ROCK ISLAND, IL	UNKNOWN	C/OP	WILKINSON MFG, FORT CALHOUN, NE	AUG 07	NOV 08	YES	
FY 2008	301,741	7.60	JMC, ROCK ISLAND, IL	UNKNOWN	C/OP	O&S ACQUISITION, WHITMORE LAKE, MI	MAR 08	JUN 08	YES	
FY 2009	147,088	6.44	JMC, ROCK ISLAND, IL	UNKNOWN	C/OP	O&S ACQUISITION, WHITMORE LAKE, MI	DEC 08	JUN 09	YES	
M702 IGNITION CARTRIDGE										
FY 2007	24,154	15.28	JMC, ROCK ISLAND, IL	UNKNOWN	C/OP	POCAL INDUSTRIES, SCRANTON, PA	AUG 07	JUN 08	YES	
FY 2008	301,741	17.68	JMC, ROCK ISLAND, IL	UNKNOWN	C/OP	POCAL INDUSTRIES, SCRANTON, PA	MAR 08	AUG 08	YES	
FY 2009	147,088	16.56	JMC, ROCK ISLAND, IL	UNKNOWN	C/OP	POCAL INDUSTRIES, SCRANTON, PA	DEC 08	AUG 09	YES	
LAP, CHG PROP M204										
FY 2007	96,616	2.60	JMC, ROCK ISLAND, IL	UNKNOWN	C/OP	AMERICAN ORDNANCE, MILAN TN	AUG 07	FEB 09	YES	
FY 2008	1,206,965	1.99	JMC, ROCK ISLAND, IL	UNKNOWN	C/OP	AMERICAN ORDNANCE, PITTSBURG, KS	MAR 08	AUG 08	YES	
FY 2009	588,352	2.99	JMC, ROCK ISLAND, IL	UNKNOWN	C/OP	AMERICAN ORDNANCE, PITTSBURG, KS	DEC 08	AUG 09	YES	
CONTAINER ASSY M204 (EA)										
FY 2007	94,758	4.77	JMC, ROCK ISLAND, IL	UNKNOWN	C/OP	ARMTEC DEFENSE, COACHELLA, CA	APR 07	DEC 08	YES	
FY 2008	1,183,754	3.46	JMC, ROCK ISLAND, IL	UNKNOWN	C/OP	ARMTEC DEFENSE, COACHELLA, CA	MAR 08	JUN 08	YES	
FY 2009	577,038	6.93	JMC, ROCK ISLAND, IL	UNKNOWN	C/OP	ARMTEC DEFENSE, COACHELLA, CA	DEC 08	JUN 09	YES	
M935 FUZE										
FY 2007	23,921	0.00	JMC, ROCK ISLAND, IL	UNKNOWN	C/OP	L3 COMMUNICATION, CAMDEN, NJ	AUG 07	MAY 08	YES	
FY 2008	298,840	50.52	JMC, ROCK ISLAND, IL	UNKNOWN	C/OP	L3 COMMUNICATION, CAMDEN, NJ	MAR 08	JUN 08	YES	
FY 2009	145,673	54.65	JMC, ROCK ISLAND, IL	UNKNOWN	C/OP	L3 COMMUNICATION, CAMDEN, NJ	DEC 08	JUN 09	YES	
COMP A-5 CLASS 1(LB)										
FY 2007	69	3.21	N/A	N/A	N/A	STOCK ISSUE	N/A	N/A	YES	
FY 2008	870	3.21	N/A	N/A	N/A	STOCK ISSUE	N/A	N/A	YES	
FY 2009	424	3.12	N/A	N/A	N/A	STOCK ISSUE	N/A	N/A	YES	

Exhibit P-5a, Procurement History and Planning					Weapon System		Date: FEBRUARY 2008			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition					P-1 Line Item Nomenclature: (108300) 60MM, ALL TYPES					
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
B646, CTG, 60MM SMOKE WP										
LAP, CTG, 60MM, M722A1										
FY 2008	6,192	176.21	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	PINE BLUFF ARSENAL, AR	MAR 08	MAR 10	YES	
FUZE, PD, M783										
FY 2008	6,439	134.50	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	L3-KDI, CINCINNATI, OH	MAR 08	DEC 09	YES	
BODY TUBE AND TAIL CONE										
FY 2008	6,439	42.50	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	LEWIS ENGINEERING, MARSHALL, TX	MAR 08	DEC 09	YES	
IGNITION CTG, 60MM, M702										
FY 2008	6,439	15.55	ROCK ISLAND ARSENAL, I	JAN 07	C/FP	POCAL INDUSTRIES, INC	MAR 08	DEC 09	YES	
PROPELLENT CHARGE, 60MM, M235										
FY 2008	25,758	12.44	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	AMERICAN ORDNANCE, MILAN, TN	MAR 08	DEC 09	YES	
FIN ASSY, 60MM, SMOKE										
FY 2008	6,439	6.22	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	WILMINGTON MFG, FORT CALHOUN, NE	MAR 08	DEC 09	YES	
BURSTER ASSEMBLY, 60MM, SMOKE										
FY 2008	6,439	6.22	TBD	TBD	SS/OP	TBD	DEC 08	SEP 09	YES	
B647, CTG, 60MM ILLUM										
LAP, CTG, 60MM, M722A1										
FY 2008	17,002	93.00	ROCK ISLAND ARSENAL, I	JAN 07	SS/OP	PINE BLUFF ARSENAL, PINE BLUFF, AK	MAR 08	MAR 10	YES	
FUZE, MTSQ, M776										
FY 2008	17,682	159.00	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	JUNGHAMS, SCHRAMBERG, GERMANY	MAR 08	DEC 09	YES	
BODY TUBE AND TAIL CONE										
FY 2008	17,682	27.00	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	LEWIS ENGINEERING, MARSHALL, TX	MAR 08	DEC 09	YES	
IGNITION CTG, 60MM, M702										
FY 2008	17,682	16.00	ROCK ISLAND ARSENAL, I	JAN 07	SS/OP	POCAL INDUSTRIES, INC	MAR 08	DEC 09	YES	
PROPELLENT CHARGE, 60MM, M235										
FY 2008	70,728	8.00	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	AMERICAN ORDNANCE, MILAN TN	MAR 08	DEC 09	YES	
FIN ASSEMBLY M27										
FY 2008	17,682	6.00	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	WILKINSON MFG, PORT CALHOUN, NE	MAR 08	DEC 09	YES	
CANNISTER ASSEMBLY, VL										
FY 2008	17,682	162.00	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	CRANE AAP, CRANE, IN	MAR 08	DEC 09	YES	
PARACHUTE ASSEMBLY										
FY 2008	17,682	17.00	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	NORTH AMERICAN AERODYNAMICS	MAR 08	DEC 09	YES	

Exhibit P-5a, Procurement History and Planning				Weapon System			Date: FEBRUARY 2008			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				P-1 Line Item Nomenclature: (108300) 60MM, ALL TYPES						
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
BA14, CTG, 60MM SMOKE WP										
LAP, CTG, 60MM, M722A1										
FY 2007	38,372	133.21	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	PINE BLUFF ARSENAL, AR	MAR 07	MAR 09	YES	
BODY TUBE AND TAIL CONE										
FY 2007	39,906	184.13	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	LEWIS ENGINEERING, MARSHALL, TX	MAR 07	DEC 08	YES	
FUZE, PD, M783										
FY 2007	39,906	26.99	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	L3-KDI, CINCINNATI, OH	MAR 07	DEC 08	YES	
IGNITION CTG, 60MM, M702										
FY 2007	39,906	15.28	ROCK ISLAND ARSENAL, I	JAN 07	C/FP	TBD	MAR 07	DEC 08	YES	
PROPELLANT CHARGE, 60MM, M235										
FY 2007	159,627	8.74	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	AMERICAN ORDNANCE, MILAN, TN	MAR 07	DEC 08	YES	
FIN ASSEMBLY										
FY 2007	39,906	5.95	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	WILMINGTON MFG, FORT CALHOUN, NE	MAR 07	DEC 08	YES	
BURSTER ASSEMBLY, 60MM, SMOKE										
FY 2007	39,906	35.00	TBD	TBD	SS/OP	TBD	MAR 07	DEC 08	YES	
BA16, CTG, 60MM, HE										
LOAD, ASSEMBLE, AND PACK										
FY 2008	81,941	58.00	ROCK ISLAND ARSENAL, I	JAN 07	C/FP	CANADIAN COMM CORP, ONT CAN	MAR 08	MAR 10	YES	
FY 2009	25,613	44.00	ROCK ISLAND ARSENAL, I	JAN 07	SS/OP	CANADIAN COMM CORP, ONT CAN	MAR 09	MAR 11	YES	
FUZE, M734A1										
FY 2008	85,218	213.00	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	L3-KDI, CINCINNATI, OH	MAR 08	DEC 09	YES	
FY 2009	26,637	255.00	PICATINNY ARSENAL, NJ	JAN 07	C/FP	L3-KDI, CINCINNATI, OH	MAR 09	DEC 10	YES	
BALL BEARING MATRIX										
FY 2008	85,218	41.00	PICATINNY ARSENAL, NJ	JAN 07	C/FP	MEDICO IND, WILKES-BARRE, PA	MAR 08	DEC 09	YES	
FY 2009	26,637	45.00	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	MEDICO IND, WILKES-BARRE, PA	MAR 09	DEC 10	YES	
IGNITION CARTRIDGE, M702										
FY 2008	85,218	16.00	ROCK ISLAND ARSENAL, I	JAN 07	C/FP	POCAL INDUSTRIES, SCRANTON, PA	MAR 08	DEC 09	YES	
FY 2009	26,637	16.00	ROCK ISLAND ARSENAL, I	JAN 07	SS/OP	POCAL INDUSTRIES, SCRANTON, PA	MAR 09	DEC 10	YES	
PROPELLANT CHARGE, M235										
FY 2008	340,874	8.00	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	AMERICAN ORDNANCE, MILAN TN	MAR 08	DEC 09	YES	
FY 2009	106,550	8.00	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	AMERICAN ORDNANCE, MILAN TN	MAR 09	DEC 10	YES	
FIN ASSEMBLY, M27										
FY 2008	85,218	6.00	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	WILKINSON MFG, PORT CALHOUN, NE	MAR 08	DEC 09	YES	
FY 2009	26,637	6.00	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	WILKINSON MFG, PORT CALHOUN, NE	MAR 09	DEC 10	YES	

Exhibit P-40, Budget Item Justification	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (109100) 81MM, ALL TYPES
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Program Element for Code B Items:	Other Related Program Elements
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	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Proc Qty										
Gross Cost	A	74.276	135.366	54.879	99.363	75.023	131.132	123.410		693.449

Description: The Cartridge, 81MM Illuminating Infrared (IR) M816 (DODIC C484) with mechanical time fuze is used in the 81mm M252 mortar system. It is designed to take advantage of the night vision device and reduce friendly forces exposure to the enemy. The 81mm IMC is essentially identical to the current M853A1 illuminating cartridge except that it carries an IR filler vice a "white light" illuminate filler.

The Cartridge, 81mm High Explosive (HE) M821/M821A1 (DODIC C868) with Multi-Option Fuze M734 is a high explosive round developed for use in the M252 Improved 81mm Mortar System. It is intended for use against personnel and light materiel targets.

The cartridge, 81mm High Explosive (HE) M889/M889A1 (DODIC C869) with Point Detonating Fuze M935 is a high explosive round developed for use in the M252 Improved 81mm Mortar System. It is intended for use against personnel and light materiel targets.

The Cartridge, 81mm Smoke Red Phosphorus (RP) M819 with Mechanical Time Super-Quick Fuze M772 (DODIC C870) is a smoke screen round developed for use in the 81mm M252 Mortar System.

The Cartridge, 81mm Illuminating M853A1 (DODIC C871) with Mechanical Time Super-Quick Fuze (MTSQ) M772 is an illuminating round developed for use in the 81mm M252 Mortar System. It is intended for illuminating a desired point or area.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

1. Received \$27.562M in FY07 GWOT.
2. Received \$35.000M in FY08 from the 2008 Consolidated Appropriation Act, Division L.
3. FY08 funding totals do not include \$35.002M previously requested for current FY08 GWOT requirements.

Exhibit P-5, Cost Analysis			Weapon System			Date:						
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition			ID Code: A	P-1 Line Item Nomenclature: (109100) 81MM, ALL TYPES								
WBS COST ELEMENTS	FY07			FY08			FY09			Total Cost	Qty	Unit Cost
	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost			
HARDWARE												
C484, CTG, 81MM ILLUM INFRARED												
LOAD, ASSEMBLE & PACK (LAP)				2.970	22,506	132.00						
FUZE MTSQ M772				3.908	23,406	167.00						
BODY TUBE AND TAIL CONE				0.983	23,406	42.00						
IGNITION CARTRIDGE M752				0.421	23,406	18.00						
PROPELLANT CHARGE M219				0.936	93,624	10.00						
FIN ASSEMBLY M29				0.421	23,406	18.00						
FIBER CONTAINER PA 162				2.574	23,406	110.00						
OVERPACK CONTAINER PA157				0.538	23,406	23.00						
INFRARED ILLUMINANT CANISTER				0.093	23,406	4.00						
PARACHUTE ASSEMBLY				0.608	23,406	26.00						
C868, CTG, 81MM HE WITH MOF												
LOAD, ASSEMBLE & PACK (LAP)	3.956	55,732	71.00	5.241	85,925	61.00	5.211	71,391	73.00			
FUZE, M734A1	12.345	57,961	213.00	19.034	89,362	213.00	18.932	74,246	255.00			
SHELL BODY, 81MM HE	3.013	57,961	52.00	4.021	89,362	45.00	4.009	74,246	54.00			
IGNITION CARTRIDGE, M299	0.927	57,961	16.00	1.429	89,362	16.00	1.262	74,246	17.00			
PROPELLANT CHARGE, 81MM, M220	2.550	231,845	11.00	3.217	357,448	9.00	2.969	296,986	10.00			
FIN ASSEMBLY, 81MM, M24	0.637	57,961	11.00	0.982	89,362	11.00	1.484	74,246	20.00			
C869, CTG, 81MM HE WITH PD FUZE												
LAP, CTG, 81MM, M889	3.368	65,203	51.66	8.881	95,103	93.39	4.411	70,878	62.24			
M889 PROJ MPTS	3.400	67,811	50.15	6.525	98,907	65.98	4.001	73,713	54.29			
FUZE, M935	2.997	67,811	44.20	4.996	98,907	50.52	4.028	73,713	54.65			
IGNITION CARTRIDGE, M299	1.024	67,811	15.11	4.449	98,907	44.99	1.192	73,713	16.18			
PROPELLANT CHARGE, M220	2.289	271,244	8.44	5.127	395,628	12.96	2.771	294,852	9.40			
FIN ASSEMBLY, M24	1.249	67,558	18.50	3.422	98,907	34.60	1.475	73,713	20.02			
COMP B TYPE I, GRADE A (LB)	0.565	211,909	2.67	0.763	309,084	2.47	0.532	230,353	2.31			
COMP A-5 CLASS 1 (LB)	0.000	1,956	0.00	0.009	2,853	3.21	0.006	2,126	3.12			
C870, CTG, 81MM SMOKE RP												
LAP, CTG, 81MM, M819				23.882	70,499	338.76						
FUZE, MTSQ, M772 (EA)				12.214	73,319	166.59						
BODY TUBE AND TAIL CONE				3.289	73,319	44.86						
IGN CTG M752 (EA)				1.323	73,319	18.05						
PROP CHG M219				2.708	289,046	9.37						
FIN ASSEMBLY, M29				1.355	73,319	18.49						
FIBER CONTAINER, 81MM, PA 162				0.321	73,319	4.38						
OVERPACK CONTAINER, 81MM PA 157				0.639	24,440	26.16						
SUB-TOTAL	38.320			127.279			52.283					

Exhibit P-5, Cost Analysis			Weapon System			Date: FEBRUARY 2008						
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition			ID Code: A	P-1 Line Item Nomenclature: (109100) 81MM, ALL TYPES								
	FY07			FY08			FY09			Total Cost	Qty	Unit Cost
	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost			
WBS COST ELEMENTS												
C871, CTG, 81MM ILLUM												
LOAD, ASSEMBLE & PACK (LAP)	13.520	53,124	254.50	1.297	4,363	297.33						
PROPELLANT CHARGE M219	1.790	220,465	8.12	0.048	18,107	2.68						
CONTAINER ASSY M205 (EA)	0.000	0	0.00	0.099	18,543	5.32						
IGNITION CARTRIDGE M752	0.988	55,249	17.89	0.112	4,538	24.63						
M9 FLAKE .010 (LB)	0.051	1,238	41.34	0.005	102	52.71						
FUZE MTSQ M772	9.317	55,249	168.64	0.893	4,538	196.71						
M29 FIN F/81MM	1.021	55,249	18.49	0.103	4,538	22.63						
ILLUM CANDLE	6.746	55,781	120.94	0.560	4,538	123.51						
PARACHUTE												
BODY TUBE												
TAIL CONES												
FIBER CONTAINERS												
METAL CONTAINER												
SPLIT SLEEVE												
DROGUE PLATE												
PRODUCT												
PRODUCTION ENGINEERING	0.994			2.703			1.552					
QUALITY ASSURANCE	0.162			0.681			0.315					
ACCEPTANCE TESTING	1.987			2.363			1.267					
NONRECURRING												
GOVERNMENT FURNISHED MATERIAL	-0.620			-0.777			-0.538					
Sub Total P5	35.956			8.087			2.596					
TOTAL	74.276			135.366			54.879					

Exhibit P-5a, Procurement History and Planning				Weapon System			Date: FEBRUARY 2008			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				P-1 Line Item Nomenclature: (109100) 81MM, ALL TYPES						
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
C484, CTG, 81MM ILLUM INFRARED LOAD, ASSEMBLE & PACK (LAP)										
FY 2008	22,506	132.00	PICATINNY ARSENAL, NJ	UNKNOWN	SS/OP	PINE BLUFF ARSENAL, PINE BLUFF, AR	MAR 08	MAR 10	YES	
FUZE MTSQ M772										
FY 2008	23,406	167.00	PICATINNY ARSENAL, NJ	OCT 07	SS/OP	JUNGHAMS, SCHRAMBERG, GERMANY	MAR 08	DEC 09	YES	
BODY TUBE AND TAIL CONE										
FY 2008	23,406	42.00	PICATINNY ARSENAL, NJ	UNKNOWN	SS/OP	LEWIS ENGINEERING, MARSHALL, TX	MAR 08	DEC 09	YES	
IGNITION CARTRIDGE M752										
FY 2008	23,406	18.00	ROCK ISLAND ARSENAL, I	OCT 07	SS/OP	POCAL INDUSTRIES, SCRANTON, PA	MAR 08	DEC 09	YES	
PROPELLANT CHARGE M219										
FY 2008	93,624	10.00	PICATINNY ARSENAL, NJ	OCT 07	SS/OP	GDOTS, MARION, IL	MAR 08	DEC 09	YES	
FIN ASSEMBLY M29										
FY 2008	23,406	18.00	PICATINNY ARSENAL, NJ	OCT 07	C/FP	TBD	MAR 08	DEC 09	YES	
FIBER CONTAINER PA 162										
FY 2008	23,406	110.00	PICATINNY ARSENAL, NJ	OCT 07	SS/OP	UNITED AMMO CONTAINER, MILAN, TN	MAR 08	DEC 09	YES	
OVERPACK CONTAINER PA157										
FY 2008	23,406	23.00	PICATINNY ARSENAL, NJ	OCT 07	SS/OP	BROCKWAY STANDARD, ATLANTA, GA	MAR 08	DEC 09	YES	
INFRARED ILLUMINANT CANISTER										
FY 2008	23,406	4.00	PICATINNY ARSENAL, NJ	OCT 07	SS/OP	CRANE AAP, CRANE, IN	MAR 08	DEC 09	YES	
PARACHUTE ASSEMBLY										
FY 2008	23,406	26.00	PICATINNY ARSENAL, NJ	OCT 07	SS/OP	TBD	MAR 08	DEC 09	YES	

Exhibit P-5a, Procurement History and Planning				Weapon System			Date: FEBRUARY 2008			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				P-1 Line Item Nomenclature: (109100) 81MM, ALL TYPES						
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
C868, CTG, 81MM HE WITH MOF										
LAP, CTG, 81MM, M821A2										
FY 2007	55,732	71.00	ROCK ISLAND ARSENAL, IL	JAN 07	SS/OP	GDOTS, MARION, IL	MAR 07	MAR 09	YES	
FY 2008	85,925	61.00	ROCK ISLAND ARSENAL, IL	JAN 07	SS/OP	GDOTS, MARION, IL	MAR 08	MAR 10	YES	
FY 2009	71,391	73.00	ROCK ISLAND ARSENAL, IL	JAN 07	SS/OP	GDOTS, MARION, IL	MAR 09	MAR 11	YES	
FUZE, MO, M734A1										
FY 2007	57,961	213.00	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	L3-KDI, CINCINNATI, OH	MAR 07	DEC 08	YES	
FY 2008	89,362	213.00	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	L3-KDI, CINCINNATI, OH	MAR 08	DEC 09	YES	
FY 2009	74,246	255.00	PICATINNY ARSENAL, NJ	JAN 07	C/FP	TBD	MAR 09	DEC 10	YES	
SHELL BODY, 81MM, M821A2										
FY 2007	57,961	52.00	PICATINNY ARSENAL, NJ	JAN 07	C/FP	MEDICO INDUSTRIES, WILKES-BARRE, PA	MAR 07	DEC 08	YES	
FY 2008	89,362	45.00	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	MEDICO INDUSTRIES, WILKES-BARRE, PA	MAR 08	DEC 09	YES	
FY 2009	74,246	54.00	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	MEDICO INDUSTRIES, WILKES-BARRE, PA	MAR 09	DEC 10	YES	
IGNITION CARTRIDGE M752										
FY 2007	57,961	16.00	ROCK ISLAND ARSENAL, IL	JAN 07	C/FP	POCAL INDUSTRIES, INC	MAR 07	DEC 08	YES	
FY 2008	89,362	16.00	ROCK ISLAND ARSENAL, IL	JAN 07	SS/OP	POCAL INDUSTRIES, INC	MAR 08	DEC 09	YES	
FY 2009	74,246	17.00	ROCK ISLAND ARSENAL, IL	JAN 07	SS/OP	POCAL INDUSTRIES, INC	MAR 09	DEC 10	YES	
PROPELLENT CHARGE										
FY 2007	231,845	11.00	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	GDOTS, MARION, IL	MAR 07	DEC 08	YES	
FY 2008	357,448	9.00	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	GDOTS, MARION, IL	MAR 08	DEC 09	YES	
FY 2009	296,986	10.00	PICATINNY ARSENAL, NJ	JAN 07	C/FP	TBD	MAR 09	DEC 10	YES	
FIN ASSEMBLY										
FY 2007	57,961	11.00	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	WILKINSON MFG, PORT CALHOUN, NE	MAR 07	DEC 08	YES	
FY 2008	89,362	11.00	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	WILKINSON MFG, PORT CALHOUN, NE	MAR 08	DEC 09	YES	
FY 2009	74,246	20.00	PICATINNY ARSENAL, NJ	JAN 07	SS/OP	WILKINSON MFG, PORT CALHOUN, NE	MAR 09	DEC 10	YES	
C869, CTG, 81MM HE WITH PD FUZE										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2007	65,203	51.66	ROCK ISLAND ARSENAL, IL	JUL 06	C/FP	TBD	MAR 08	FEB 09	YES	
FY 2008	95,103	93.39	ROCK ISLAND ARSENAL, IL	JUL 06	C/OPTION	TBD	MAR 08	DEC 09	YES	
FY 2009	70,878	62.24	ROCK ISLAND ARSENAL, IL	JUL 06	C/OPTION	TBD	MAR 09	DEC 10	YES	
M889 PROJ MPTS										
FY 2007	67,811	50.15	ROCK ISLAND ARSENAL, IL	JUL 06	C/OPTION	MEDICO INDUSTRIES, WILKES-BARRE, PA	AUG 07	JAN 08	YES	
FY 2008	98,907	65.98	ROCK ISLAND ARSENAL, IL	JUL 06	C/OPTION	MEDICO INDUSTRIES, WILKES-BARRE, PA	MAR 08	JUL 08	YES	
FY 2009	73,713	54.29	ROCK ISLAND ARSENAL, IL	JUL 06	C/OPTION	MEDICO INDUSTRIES, WILKES-BARRE, PA	DEC 08	JUL 09	YES	
M935 FUZE										
FY 2007	67,811	44.20	ROCK ISLAND ARSENAL, IL	JUL 06	C/OPTION	L3 COMM BT FUZE PRODUCTS DI, LANCASTER	AUG 07	JUN 08	YES	
FY 2008	98,907	50.52	ROCK ISLAND ARSENAL, IL	JUL 06	C/OPTION	L3 COMM BT FUZE PRODUCTS DI, LANCASTER	MAR 08	JUN 08	YES	
FY 2009	73,713	54.65	ROCK ISLAND ARSENAL, IL	JUL 06	C/OPTION	L3 COMM BT FUZE PRODUCTS DI, LANCASTER	DEC 08	JUN 09	YES	

Exhibit P-5a, Procurement History and Planning	Weapon System	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Line Item Nomenclature: (109100) 81MM, ALL TYPES
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WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
IGN CTG M299										
FY 2007	67,811	15.11	ROCK ISLAND ARSENAL,	JUL 06	C/FP	TBD	MAR 08	MAY 08	YES	
FY 2008	98,907	44.99	ROCK ISLAND ARSENAL,	JUL 06	C/OPTION	POCAL INDUSTRIES, INC	MAR 08	AUG 08	YES	
FY 2009	73,713	16.18	ROCK ISLAND ARSENAL,	JUL 06	C/OPTION	POCAL INDUSTRIES, INC	DEC 08	AUG 09	YES	
PROP CHG M220										
FY 2007	271,244	8.44	PICATINNY ARSENAL, NJ	JUL 06	C/OPTION	GENERAL DYNAMICS OTS, DOWNEY, CA	AUG 07	JAN 08	YES	
FY 2008	395,628	12.96	PICATINNY ARSENAL, NJ	JUL 06	C/OPTION	GENERAL DYNAMICS OTS, DOWNEY, CA	DEC 07	JUN 08	YES	
FY 2009	294,852	9.40	PICATINNY ARSENAL, NJ	JUL 06	C/OPTION	GENERAL DYNAMICS OTS, DOWNEY, CA	DEC 08	JUN 09	YES	
M24 FIN										
FY 2007	53,879	18.50	N/A	N/A	C/FP	STOCK ISSUE	N/A	N/A	YES	
FY 2007	13,679	18.50	TBD	TBD	C/FP	TBD	MAR 08	MAY 08		
FY 2008	98,907	34.60	TBD	TBD	C/FP	TBD	MAY 08	AUG 08	YES	
FY 2009	73,713	20.02	TBD	TBD	C/FP	TBD	DEC 08	MAY 09	YES	
COMP B TYPE I GRADE A(LB)										
FY 2007	211,909	2.67	N/A	N/A	N/A	STOCK ISSUE	N/A	N/A	YES	
FY 2008	309,084	2.47	N/A	N/A	N/A	STOCK ISSUE	N/A	N/A	YES	
FY 2009	230,353	2.31	N/A	N/A	N/A	STOCK ISSUE	N/A	N/A	YES	
COMP A-5 CLASS I (LB)										
FY 2007	1,956	0.00	N/A	N/A	N/A	STOCK ISSUE	N/A	N/A	YES	
FY 2008	2,853	3.21	N/A	N/A	N/A	STOCK ISSUE	N/A	N/A	YES	
FY 2009	2,126	3.12	N/A	N/A	N/A	STOCK ISSUE	N/A	N/A	YES	
C870, CTG, 81MM SMOKE RP										
LAP, CTG, 81MM, M819										
FY 2008	70,499	338.76	PICATINNY ARSENAL, NJ	JAN 06	SS/OP	PINE BLUFF ARSENAL, PINE BLUFF, AR	MAR 08	DEC 09	YES	
FUZE M772(EA)										
FY 2008	73,319	166.59	PICATINNY ARSENAL, NJ	JAN 06	SS/OP	JUNGHAMS, SCHRAMBERG, GERMANY	MAR 08	DEC 09	YES	
BODY TUBE AND TAIL CONE										
FY 2008	73,319	44.86	PICATINNY ARSENAL, NJ	JAN 06	SS/OP	MEDICO INDUSTRIES, SCRANTON, PA	MAR 08	DEC 09	YES	
IGN CTG M752(EA)										
FY 2008	73,319	18.05	ROCK ISLAND ARSENAL,	JAN 06	SS/OP	TBD	MAR 08	DEC 09	YES	
PROP CHG M219										
FY 2008	289,046	9.37	PICATINNY ARSENAL, NJ	JAN 06	SS/OP	GDOTS, MARION, IL	MAR 08	DEC 09	YES	
FIN ASSEMBLY M29										
FY 2008	73,319	18.49	PICATINNY ARSENAL, NJ	JAN 06	C/FP	TBD	MAR 08	FEB 09	YES	
FIBER CONTAINER, PA 162										
FY 2008	73,319	4.38	PICATINNY ARSENAL, NJ	JAN 06	SS/OP	UAC, MILAN, TN	MAR 08	DEC 09	YES	
OVERPACK CONTAINER, 81MM PA 157										
FY 2008	24,440	26.16	PICATINNY ARSENAL, NJ	JAN 06	SS/OP	BWAY, ATLANTA, GA	MAR 08	DEC 09	YES	

Exhibit P-5a, Procurement History and Planning				Weapon System			Date: FEBRUARY 2008			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				P-1 Line Item Nomenclature: (109100) 81MM, ALL TYPES						
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
C871, CTG, 81MM ILLUM										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2007	53,124	254.50	ROCK ISLAND, IL	OCT 06	SS/FP	PINE BLUFF ARSENAL, PINE BLUFF, AR	DEC 06	FEB 09	YES	
FY 2008	4,363	297.33	ROCK ISLAND, IL	OCT 06	SS/FP	PINE BLUFF ARSENAL, PINE BLUFF, AR	MAR 08	SEP 09	YES	
PROPELLANT CHARGE M219										
FY 2007	220,465	8.12	ROCK ISLAND, IL	SEP 06	SS/OPTION	AMERICAN ORDNANCE, MILAN, TN	JUN 07	FEB 08	YES	
FY 2008	18,107	2.68	ROCK ISLAND, IL	SEP 06	C/FP	TBD	MAR 08	NOV 08	YES	
CONTAINER ASSY M205(EA)										
FY 2008	18,543	5.32	ROCK ISLAND, IL	OCT 06	C/OPTION	ARMTEC DEFENSE, COACHELLA, CA	MAR 08	JUL 08	YES	
IGNITION CARTRIDGE M752										
FY 2007	55,249	17.89	ROCK ISLAND, IL	OCT 06	C/OPTION	POCAL INDUSTRIES INC, SCRANTON, PA	MAR 07	NOV 07	YES	
FY 2008	4,538	24.63	ROCK ISLAND, IL	OCT 06	C/OPTION	POCAL INDUSTRIES INC, SCRANTON, PA	MAR 08	JUN 08	YES	
M9 FLAKE .010 (LB)										
FY 2007	1,238	41.34	N/A	OCT 06	N/A	STOCK ISSUE	N/A	N/A	YES	
FY 2008	102	52.71	N/A	OCT 06	N/A	STOCK ISSUE	N/A	N/A	YES	
FUZE MTSQ M772										
FY 2007	55,249	168.64	ROCK ISLAND, IL	SEP 06	SS/OPTION	JUNGHAMS, SCHRAMBERG, GERMANY	MAR 07	NOV 07	YES	
FY 2008	4,538	196.71	ROCK ISLAND, IL	SEP 06	SS/OPTION	JUNGHAMS, SCHRAMBERG, GERMANY	MAR 08	NOV 08	YES	
M29 FIN F/81MM										
FY 2007	55,249	18.49	ROCK ISLAND, IL	OCT 06	C/FP	O & S ACQUISITION, WHITMORE LAKE,	FEB 07	AUG 07	YES	
FY 2008	4,538	22.63	ROCK ISLAND, IL	OCT 06	C/FP	TBD	JUN 08	JUN 08	YES	
ILLUM CANDLE										
FY 2007	55,781	120.94	ROCK ISLAND, IL	OCT 06	SS/FP	CRANE AAP, CRANE, IN	JAN 07	DEC 07	YES	
FY 2008	4,538	123.51	ROCK ISLAND, IL	OCT 06	SS/FP	CRANE AAP, CRANE, IN	DEC 07	AUG 08	YES	

Exhibit P-21, Production Schedule										Date: FEBRUARY 2008																					
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition					Weapon System					P-1 Line Item Nomenclature: (109100) DODIC: C868, CTG, 81MM HE WITH MOF																					
					PRODUCTION RATE					PROCUREMENT LEADTIMES																					
Item		Manufacturer's Name and Location			MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																		
C868		GDOTS, MARION, IL			5	15	20	6	5	24	24	29	K																		
					Fiscal Year 2006										Fiscal Year 2007																
					Calendar Year 2006										Calendar Year 2007																
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B O C	
C868	2007	M C 1	56	0	56																		A							56	
	2008	M C 1	86	0	86																									86	
	2009	M C 1	71	0	71																									71	
					Fiscal Year 2008										Fiscal Year 2009																
					Calendar Year 2008										Calendar Year 2009																
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B O C	
C868	2007	M C 1	56	0	56																			15	15	15	11	0		0	
	2008	M C 1	86	0	86								A																	86	
	2009	M C 1	71	0	71																		A							71	
REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.																															

Exhibit P-21, Production Schedule	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	Weapon System	P-1 Line Item Nomenclature: (109100) DODIC: C868, CTG, 81MM HE WITH MOF
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Item	Manufacturer's Name and Location	PRODUCTION RATE			PROCUREMENT LEADTIMES				Total	Unit of Measure
		MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT		
C868	GDOTS, MARION, IL	5	15	20	6	5	24	24	29	K

Item	Fiscal Year 2010												Fiscal Year 2011																	
	Calendar Year 2010												Calendar Year 2011																	
	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B
C868	2007	MCI	56	56	0																									0
	2008	MCI	86	0	86						15	15	15	15	15	11														0
	2009	MCI	71	0	71																		15	15	15	15	11			0

Item	Fiscal Year 2012												Fiscal Year 2013																	
	Calendar Year 2012												Calendar Year 2013																	
	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B

REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.

Exhibit P-21, Production Schedule														Date: FEBRUARY 2008																			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition										Weapon System				P-1 Line Item Nomenclature: (109100) DODIC: C869, CTG, 81MM HE WITH PD																			
										PRODUCTION RATE					PROCUREMENT LEADTIMES																		
Item		Manufacturer's Name and Location			MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																				
C869		1 TBD			12	12	24	6	5	11	21	16	K																				
										Fiscal Year 2006					Fiscal Year 2007																		
										Calendar Year 2006					Calendar Year 2007																		
Item	F Y	S C	Q Y	D L	B L	O T	N V	D C	J N	F B	M R	A R	M Y	J N	J L	A G	S P	O T	N V	D C	J N	F B	M R	A R	M Y	J N	J L	A G	S P	B L			
C869	2007	M C1	65	0	65																										65		
	2008	M C1	95	0	95																										95		
	2009	M C1	71	0	71																										71		
										Fiscal Year 2008					Fiscal Year 2009																		
										Calendar Year 2008					Calendar Year 2009																		
Item	F Y	S C	Q Y	D L	B L	O T	N V	D C	J N	F B	M R	A R	M Y	J N	J L	A G	S P	O T	N V	D C	J N	F B	M R	A R	M Y	J N	J L	A G	S P	B L			
C869	2007	M C1	65	0	65							A																		0			
	2008	M C1	95	0	95							A																			95		
	2009	M C1	71	0	71																		A								71		
REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.																																	

Exhibit P-21, Production Schedule										Date: FEBRUARY 2008																				
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition										Weapon System		P-1 Line Item Nomenclature: (109100) DODIC: C869, CTG, 81MM HE WITH PD																		
										PRODUCTION RATE					PROCUREMENT LEADTIMES															
Item		Manufacturer's Name and Location			MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																	
C869		1 TBD			12	12	24	6	5	11	21	16	K																	
										Fiscal Year 2010					Fiscal Year 2011															
										Calendar Year 2010					Calendar Year 2011															
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B A L
C869	2007	M C 1	65	65	0																									0
	2008	M C 1	95	0	95			12	12	12	12	12	12	12	11															0
	2009	M C 1	71	0	71													12	12	12	12	12	11						0	
										Fiscal Year 2012					Fiscal Year 2013															
										Calendar Year 2012					Calendar Year 2013															
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B A L

REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.

Exhibit P-21, Production Schedule														Date: FEBRUARY 2008																	
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition														Weapon System				P-1 Line Item Nomenclature: (109100) DODIC: C870, CTG, 81MM SMOKE RP													
														PRODUCTION RATE						PROCUREMENT LEADTIMES											
Item		Manufacturer's Name and Location												MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure									
C870		1 PINE BLUFF ARSENAL												2	5	10	5	5	18	18	23	K									
														Fiscal Year 2006						Fiscal Year 2007											
														Calendar Year 2006						Calendar Year 2007											
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B A L	
C870	2008	M C 1	70.00	0.00	70.00																									70.00	
														Fiscal Year 2008						Fiscal Year 2009											
														Calendar Year 2008						Calendar Year 2009											
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B A L	
C870	2008	M C 1	70.00	0.00	70.00							A																		70.00	
REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.																															

Exhibit P-21, Production Schedule														Date: FEBRUARY 2008																			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition														Weapon System				P-1 Line Item Nomenclature: (109100) DODIC: C870, CTG, 81MM SMOKE RP															
														PRODUCTION RATE						PROCUREMENT LEADTIMES													
Item		Manufacturer's Name and Location						MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																	
C870		1 PINE BLUFF ARSENAL						2	5	10	5	5	18	18	23	K																	
														Fiscal Year 2010						Fiscal Year 2011													
														Calendar Year 2010										Calendar Year 2011									
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B O C			
C870	2008	MCI	70.00	0.00	70.00			6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	5.00	5.00											0.00			
														Fiscal Year 2012										Fiscal Year 2013									
														Calendar Year 2012										Calendar Year 2013									
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B O C			
REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.																																	

Exhibit P-40, Budget Item Justification	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (112100) 120MM, ALL TYPES
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Program Element for Code B Items:	Other Related Program Elements
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	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Proc Qty										
Gross Cost	A	49.378	93.554	87.500	36.381	6.597	11.703	10.747		295.860

The Cartridge, 120MM Target Practice Cone Stabilized Discarding Sabot with Tracer (TPCSDS-T) M865 (DODIC C785) is a kinetic energy, target practice round for use with the 120mm smooth bore M256 Cannon. It is designed to simulate the service round characteristics at reduced maximum ranges to allow the practice firings on short range proving grounds and training areas.

The Cartridge, 120MM High Explosive Anti-Tank Multi-Purpose with Tracer (HEAT-MP-T) M830A1 (DODIC C791). The M830A1 Cartridge is used in the 120mm smooth bore M256 Cannon and is a fin-stabilized round with a discarding sabot. This is a multi-purpose round with anti-tank and air defense capability.

The M1002 Target Practice Multi-Purpose Cartridge with Tracer (TPMP-T) (DODIC CA31), 120MM Cartridge is a Training Cartridge for the tactical M830A1 HEAT-MP-T Cartridge.

The M1028 120MM Canister Cartridge (DODIC CA38) is used in the 120mm smooth bore M256 cannon aboard the M1A1 Main Battle Tank. The M1028 canister tank cartridge is a tank round comprised of 1150 tungsten balls, which are expelled upon muzzle exit.

Expeditionary Fire Support System (EFSS) will be a family of 120MM that will include Illumination, High Explosive, and White Phosphorus munitions. The EFSS will provide all-weather, ground-based, close supporting, accurate, immediately responsive, and lethal indirect fire support for the Marine Air-Ground Task Force (MAGTF). EFSS will be the principal indirect fire support weapon for Marine Expeditionary Units and vertical assault elements of a Ship-To-Objective Maneuver force. EFSS will be capable of successfully engaging a spectrum of potential point and area targets, including motorized, light armored, and dismounted personnel targets, command and control systems, and indirect fire systems.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

1. Received \$18.813M in FY07 GWOT.
2. Received \$59.020M in FY08 from the 2008 Consolidated Appropriation Act, Division L.
3. FY08 funding totals do not include \$59.021M previously requested for current FY08 GWOT requirements.

Exhibit P-5, Cost Analysis				Weapon System			Date: FEBRUARY 2008					
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				ID Code: A	P-1 Line Item Nomenclature: (112100) 120MM, ALL TYPES							
	FY07			FY08			FY09					
WBS COST ELEMENTS	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
HARDWARE												
C785, CTG, 120MM TPCSDS-T M865												
COMPLETE ROUND M865	5.312	9,247	574.49	9.211	12,450	739.85	5.415	5,453	993.04			
C791, CTG, 120MM HEAT-MP-T (AA) M830A1*												
COMPLETE ROUND M830A1				4.554	782	5824.00						
CA31, CTG, 120MM TPMP-T M1002												
COMPLETE ROUND	23.498	19,471	1206.83	70.943	47,390	1497.00	3.802	2,653	1433.41			
CA38, CTG, 120MM TANK CANISTER XM1028												
COMPLETE ROUND	2.404	1,474	1604.54	1.518	893	1698.00						
EFSS, EXPEDITIONARY FIRE SUPPORT SYSTEM (EFSS)												
AMMUNITION UNDERGOING QUALIFICATION	15.406			4.173			76.230					
PRODUCT												
ACCEPTANCE TESTING	0.412			0.651			0.144					
PRODUCTION ENGINEERING	1.739			2.212			1.724					
QUALITY ASSURANCE	0.452			0.002			0.007					
NONRECURRING												
PROGRAM SUPPORT												
ENGINEERING STUDY	0.077			0.290			0.178					
CONTAINER EFFORT	0.041											
FORCE PROTECTION	0.037											
TOTAL	49.378			93.554			87.500					

Exhibit P-5a, Procurement History and Planning					Weapon System		Date: FEBRUARY 2008			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				P-1 Line Item Nomenclature: (112100) 120MM, ALL TYPES						
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
C785, CTG, 120MM TPCSDS-T M865										
COMPLETE ROUND M865										
FY 2007	9,247	574.49	JMC, ROCK ISLAND, IL	OCT 04	CM-4/FP	ALLIANT TECH SYS INC, PLYMOUTH, MN	DEC 06	JAN 08	YES	
FY 2008	6,225	739.85	JMC, ROCK ISLAND, IL	UNKNOWN	SSM-1/FP	GENERAL DYNAMICS, ST PETERSBURG, FL	JAN 08	OCT 08	YES	
FY 2008	6,225	739.85	JMC, ROCK ISLAND, IL	OCT 04	SSM-1/FP	ALLIANT TECH SYS INC, PLYMOUTH, MN	JAN 08	OCT 08	YES	
FY 2009	2,727	993.04	JMC, ROCK ISLAND, IL	UNKNOWN	SSM-2/FP	GENERAL DYNAMICS, ST PETERSBURG, FL	JAN 09	OCT 09	YES	
FY 2009	2,726	993.04	JMC, ROCK ISLAND, IL	OCT 04	SSM-2/FP	ALLIANT TECH SYS INC, PLYMOUTH, MN	JAN 09	OCT 09	YES	
C791, CTG, 120MM HEAT-MP-T (AA) M830A1										
COMPLETE ROUND M830A1										
FY 2008	784	5824.00	JMC, ROCK ISLAND, IL	OCT 04	C/FP	TO BE DETERMINED (TBD)	MAR 08	SEP 09	YES	
CA31, CTG, 120MM TPMP-T M1002										
COMPLETE ROUND										
FY 2007	3,600	1206.83	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	GENERAL DYNAMICS, ST PETERSBURG, FL	APR 07	MAR 09	NO	
FY 2007	15,871	1206.83	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	ALLIANT TECH SYS INC, PLYMOUTH, MN	APR 07	MAY 08	NO	
FY 2008	23,695	1497.00	JMC, ROCK ISLAND, IL	UNKNOWN	SSM-1/FP	GENERAL DYNAMICS, ST PETERSBURG, FL	JAN 08	DEC 08	YES	
FY 2008	23,695	1497.00	JMC, ROCK ISLAND, IL	UNKNOWN	SSM-1/FP	ALLIANT TECH SYS INC, PLYMOUTH, MN	JAN 08	DEC 08	YES	
FY 2009	1,326	1433.41	JMC, ROCK ISLAND, IL	UNKNOWN	SSM-2/FP	ALLIANT TECH SYS INC, PLYMOUTH, MN	JAN 09	DEC 09	YES	
FY 2009	1,327	1433.41	JMC, ROCK ISLAND, IL	UNKNOWN	SSM-2/FP	GENERAL DYNAMICS, ST PETERSBURG, FL	JAN 09	DEC 09	YES	
CA38, CTG, 120MM TANK CANISTER XM1028										
COMPLETE ROUND										
FY 2007	1,474	1604.54	JMC, ROCK ISLAND, IL	MAR 05	SS/OP	GENERAL DYNAMICS, ST PETERSBURG, FL	JUN 07	JUN 08	YES	
FY 2008	893	1698.00	JMC, ROCK ISLAND, IL	MAR 05	SS/OP	GENERAL DYNAMICS, ST PETERSBURG, FL	APR 08	APR 09	YES	

Exhibit P-21, Production Schedule Date: FEBRUARY 2008

Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition Weapon System P-1 Line Item Nomenclature: (112100) DODIC: C785, CTG, 120MM TPCSDS-T M865

Item	Manufacturer's Name and Location	PRODUCTION RATE			PROCUREMENT LEADTIMES					
		MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure
C785	1. GENERAL DYNAMICS, ST. PETERSBURG, FL	0.13	1	19	4	4	9	9	13	K
	2. ALLIANT TECH SYS INC, PLYMOUTH, MN	0.13	1	19	6	4	9	9	13	K

Fiscal Year 2007 Fiscal Year 2008

Item	Calendar Year 2007												Calendar Year 2008																	
	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B
C785	2007	MC2	9.25	0	9.25			A													9.25									0
	2008	MC1	6.23	0	6.23																A									6.23
	2008	MC2	6.23	0	6.23																A									6.23
	2009	MC1	2.73	0	2.73																									2.73
	2009	MC2	2.73	0	2.73																									2.73

Fiscal Year 2009 Fiscal Year 2010

Item	Calendar Year 2009												Calendar Year 2010																	
	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B
C785	2007	MC1	9.25	9.25	0.00																									0
	2008	MC1	6.23	0	6.23	1	5.23																							0
	2008	MC2	6.23	0	6.23	2	4.23																							0
	2009	MC1	2.73	0	2.73			A													A									0
	2009	MC2	2.73	0	2.73			A													A									0

REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.

Exhibit P-40, Budget Item Justification							Date: FEBRUARY 2008				
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				P-1 Item Nomenclature: (138800) CTG,25MM, ALL TYPES							
Program Element for Code B Items:				Other Related Program Elements							
	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program	
Proc Qty											
Gross Cost	A	8.737	11.921	2.300	2.300	3.000	4.000	5.166		37.424	
<p>Description: The Cartridge, 25mm Target Practice Discarding Sabot with Tracer (TPDS-T) M910 Linked (DODIC A940) is fired from the M242 Automatic Cannon. This cartridge is a fixed type, percussion primer 25mm ammunition intended as a training substitute for armor piercing service ammunition.</p> <p>The Cartridge, 25mm Dummy M794 Linked (DODIC A967) is a dummy cartridge used in training for the M242 25mm Automatic Cannon. The M794 is a totally inert round.</p> <p>The Cartridge, 25mm High-Explosive Incendiary with Tracer (HEI-T) M792 Linked (DODIC A975) is a high-explosive incendiary round equipped with a tracer. It is a fixed-type, percussion-primed ammunition fired from the M242 Automatic Cannon. It is used as a high-explosive service round for engaging unarmored ground targets.</p> <p>The Cartridge, 25mm Target Practice-Tracer (TP-T) M793 Linked (DODIC A976) is a target practice cartridge used in training, gun testing, and gun system functioning for the M242 25mm Automatic Cannon. The M793 is a fixed type, percussion primed 25mm projectile, and is intended as a substitute for the 25mm tactical round cartridge.</p> <p>Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.</p>											
<ol style="list-style-type: none"> Received \$1.402M in FY07 GWOT. Received \$0.670M in FY08 from the 2008 Consolidated Appropriation Act, Division L. FY08 funding totals do not include \$0.671M previously requested for current FY08 GWOT requirements. 											

Exhibit P-40

Budget Item Justification

(Exhibit P-40,

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Exhibit P-5, Cost Analysis			Weapon System			Date: FEBRUARY 2008						
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition			ID Code: A	P-1 Line Item Nomenclature: (138800) CTG, 25MM, ALL TYPES								
WBS COST ELEMENTS	FY07			FY08			FY09			Total Cost	Qty	Unit Cost
	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost			
HARDWARE												
A940, CTG, 25MM TPDS-T LINKED												
LOAD, ASSEMBLE & PACK (LAP)				6.372	335,417	19.00	1.717	71,125	24.14			
CONTAINER, PA125				0.546	11,492	47.51	0.128	2,437	52.72			
A967, CTG, 25MM, DUMMY M794												
CTG, 25MM, DUMMY	0.489	7,905	61.83									
BOX, METAL, M2A1	0.011	1,344	8.35									
A975, CTG, 25MM HEI-T LINKED												
CTG, 25MM, HEI-T, M792	7.424	158,295	46.90									
CONTAINER, PA125	0.244	5,456	45.69									
PALLET	0.290	290	1001.50									
A976, CTG, 25MM TP-T LINKED*												
LOAD, ASSEMBLE & PACK (LAP)				4.430	313,414	14.13						
CONTAINER, PA125				0.510	10,738	47.51						
PRODUCTION ENGINEERING	0.279			0.050			0.450					
QUALITY ASSURANCE	0.000			0.013			0.005					
*UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS												
TOTAL	8.737			11.921			2.300					

Exhibit P-5a, Procurement History and Planning				Weapon System			Date:			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				P-1 Line Item Nomenclature: (138800) CTG, 25MM, ALL TYPES						
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
A940, CTG, 25MM TPDS-T LINKED										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2008	184,479	19.00	JMC, ROCK ISLAND, IL	JAN 08	C/OP	GENERAL DYNAMICS OTS, MARION,	JAN 08	JAN 09	YES	
FY 2008	150,938	19.00	JMC, ROCK ISLAND, IL	JAN 08	C/OP	ALLIANT TECH (RAAP), RADFORD,	JAN 08	JAN 09	YES	
FY 2009	39,118	24.14	JMC, ROCK ISLAND, IL	JAN 08	C/OP	GENERAL DYNAMICS OTS, MARION,	JAN 09	JAN 10	YES	
FY 2009	32,007	24.14	JMC, ROCK ISLAND, IL	JAN 08	C/OP	ALLIANT TECH (RAAP), RADFORD,	JAN 09	JAN 10	YES	
CONTAINER, PA125										
FY 2008	11,492	47.51	JMC, ROCK ISLAND, IL	JAN 08	C/OP	CONCO INC, LOUISVILLE, KY	MAY 08	AUG 08	YES	
FY 2009	2,437	52.72	JMC, ROCK ISLAND, IL	JAN 08	C/OP	CONCO INC, LOUISVILLE, KY	MAY 09	AUG 08	YES	
A967, CTG, 25MM DUMMY LINKED										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2007	7,905	61.83	JMC, ROCK ISLAND, IL	JAN 05	C/FFP	GENERAL DYNAMICS, MARION, IL	MAR 07	MAY 08	YES	
BOX METAL M2A1 (EA)										
FY 2007	1,344	8.35	JMC, ROCK ISLAND, IL	JAN 07	C/FFP	GENERAL DYNAMICS, MARION, IL	MAR 07	MAY 08	YES	
A975, CTG, 25MM HEI-T LINKED										
CTG, 25MM, HEI-T, M792										
FY 2007	158,295	46.90	PICATINNY ARSENAL, NJ	JUL 06	C/OP	ATK, ANOKA, MN	JUN 07	NOV 08	YES	
CONTAINER, PA125										
FY 2007	5,456	45.69	JMC, ROCK ISLAND, IL	JAN 05	C/FP	CONCO INC, LOUISVILLE, KY	AUG 07	JUL 08	YES	
PALLET										
FY2007	290	1001.50	PICATINNY ARSENAL, NJ	JUL 06	C/FP	CHOCTAW MFG & DEV SORP	NOV 07	MAY 08	YES	
A976, CTG, 25MM TP-T LINKED										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2008	172,377	14.13	JMC, ROCK ISLAND, IL	JAN 05	C/OP	GENERAL DYNAMICS OTS, MARION,	JAN 08	JAN 09	YES	
FY 2008	141,037	14.13	JMC, ROCK ISLAND, IL	JAN 05	C/OP	ALLIANT TECH INC, MESA, AZ	JAN 08	JAN 09	YES	
CONTAINER, PA125										
FY 2008	10,738	47.51	JMC, ROCK ISLAND, IL	JAN 05	C/OP	CONCO INC, LOUISVILLE, KY	MAY 08	AUG 08	YES	

Exhibit P-5a

Exhibit P-40, Budget Item Justification							Date: FEBRUARY 2008				
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				P-1 Item Nomenclature: (142800) 9MM, ALL TYPES							
Program Element for Code B Items:				Other Related Program Elements							
	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program	
Proc Qty											
Gross Cost	A	4.910	0.000	0.000	0.000	0.000	0.000	0.000		4.910	
<p>The Cartridge, 9mm Training-Practice Tracer (TP-T) M939 for Anti-Tank-4 (AT-4) (DODIC A358) is intended for use in the M287 Target Practice Launcher for training on the M136 (AT-4) Anti-Tank weapon. This cartridge is the only authorized ammunition for use in the M287 Target Practice Launcher. The projectile of the 9mm M939 has a tracer element which allows the user to visually observe the flight of the projectile to the point of impact.</p> <p>The Cartridge, 9mm Ball M882 (DODIC A363) is intended for use against enemy personnel and for security purposes. This cartridge may be used in the M9 Service Pistol and the MP5N Submachine Gun.</p> <p>The Cartridge caliber .380 (DODIC A415) ammunition is used by the Commandant of the Marine Corps personal security detail.</p> <p>The Cartridge, 9mm Red Marking (DODIC AA12) is utilized with the M4A1 Carbine, Sig Sauer P226 Pistol, MP5 Submachine Gun and M9 Special Effects Small Arms Marking System (SESAMS) Adapter Kits. Weapons fitted with the training adapters will operate semi or full automatic simulating live fire. The intended use for this cartridge is to provide enhanced training by allowing force-on-force training versus firing at silhouette on impact. When the projectile impacts a target, the plastic projectile sheath breaks and detergent marks the target indicating a hit.</p> <p>The Cartridge, 9mm Ball MK 254 MOD 0 (DODIC AA16) is intended for use against steel targets during training to reduce ricochets and splash back experienced with the standard projectile. This cartridge is used in the M9 Service Pistol.</p> <p>The Cartridge, 9mm Blue Marking (DODIC AA21) is utilized with the M4A1 Carbine, Sig Sauer P226 Pistol, MP5 Submachine Gun and M9 Special Effects Small Arms Marking System (SESAMS) Adapter Kits. Weapons fitted with the training adapters will operate semi or full automatic simulating live fire. The intended use for this cartridge is to provide enhanced training by allowing force-on-force training versus firing at silhouette on impact. When the projectile impacts a target, the plastic projectile sheath breaks and detergent marks the target indicating a hit.</p> <p>Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.</p> <p>*Beginning in FY08, funding moved to PANMC 1000 Small Arms Ammunition.</p> <p>Received \$0.626M in FY07 GWOT.</p>											

Exhibit P-5, Cost Analysis		Weapon System			Date: FEBRUARY 2008							
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				ID Code: A	P-1 Line Item Nomenclature: (142800) 9MM, ALL TYPES							
WBS COST ELEMENTS	FY07			FY08			FY09			Total Cost	Qty	Unit Cost
	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost			
HARDWARE												
A358, CTG, 9MM TP-T FOR AT-4												
LOAD, ASSEMBLE & PACK (LAP)	0.694	1,262,000	0.55									
A363, CTG, 9MM BALL*												
LOAD, ASSEMBLE & PACK (LAP)	1.168	8,344,000	0.14									
BOX METAL M2A1 (EA)	0.071	8,511	8.34									
PRODUCT												
ACCEPTANCE TESTING	0.002											
PRODUCTION ENGINEERING	0.002											
NONRECURRING	0.007											
CONTINGENCY	0.007											
EXCESS TO PROGRAM												
*UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS												
TOTAL	1.951											

Exhibit P-40, Budget Item Justification	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (146800) GRENADES, ALL TYPES
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Program Element for Code B Items:	Other Related Program Elements
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	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Proc Qty										
Gross Cost	A	23.473	59.556	39.038	8.888	12.492	13.830	14.179		171.456

1. Received \$14.283M in FY07 GWOT.
2. Received \$9.385M in FY08 from the 2008 Consolidated Appropriation Act, Division L.
3. FY08 funding totals do not include \$9.384M previously requested for current FY08 GWOT requirements.

Description: The Fuze, Hand Grenade Practice M228 (DODIC G878) is a pyrotechnic delay-igniting fuze. The fuze is used with the Grenade, Hand Practice M69. The fuze contains a primer and a pyrotechnic delay column. Assembled to the fuze is a striker, striker spring, safety lever, safety pin with pull ring, safety clip, and igniter assembly.

The Grenade, Hand Fragmentation M67 (DODIC G881) is used to supplement small arms fire against the enemy in close combat. The grenade produces casualties by high velocity projection of fragments in a uniform distribution pattern. The grenade body is a 2.5-inch diameter steel sphere containing 6.5 ounces of Composition B high explosive. This grenade is fuzeed with the M213 Pyrotechnic Delay-detonating fuze.

The Grenade, Hand Incendiary Thermite (TH-3) AN-M14 (DODIC G900) is used to provide a source of intense heat to destroy equipment. This incendiary hand grenade generates heat up to 4,000° F. It is filled with an incendiary mixture, TH-3, and First-Fire Mixture VII. This grenade is fuzeed with the M201A1 Pyrotechnic Delay-igniting fuze.

The Grenade, Hand Smoke, HC AN-M8 (DODIC G930 replaced by SCSG's) is used for screening, marking, and signaling. Each grenade will emit smoke for 50 to 90 seconds. The body of thin sheet metal is filled with a green smoke composition and topped with a starter mixture. The M201A1 Fuze is a pyrotechnic delay-igniting fuze.

The Grenade, Hand Green Smoke M18 (DODIC G940 replaced by SCSG's) is used for screening, marking, and signaling. Each grenade will emit smoke for 50 to 135 seconds. The body of thin sheet metal is filled with a green smoke composition and topped with a starter mixture. The M201A1 Fuze is a pyrotechnic delay-igniting fuze.

The Grenade, Hand Yellow Smoke M18 (DODIC G945 replaced by SCSG's) is used for screening, marking, and signaling. Each grenade will emit smoke for 50 to 135 seconds. The body of thin sheet metal is filled with yellow smoke composition and topped with a starter mixture. The M201A1 Fuze is a pyrotechnic delay-igniting fuze.

The Grenade, Hand Red Smoke M18 (DODIC G950 replaced by SCSG's) is used for screening, marking, and signaling. Each grenade will emit smoke for 50 to 135 seconds. The body of thin sheet metal is filled with red smoke composition and topped with a starter mixture. The M201A1 Fuze is a pyrotechnic delay-igniting fuze.

The Grenade, Hand Smoke Violet M18 (DODIC G955 replaced by SCSG's) is a hand grenade used to generate violet smoke for screening, marking, and signaling. Each grenade will emit smoke for 50 to 135 seconds. The body of thin sheet metal is filled with violet smoke composition. The M201A1 Fuze is a pyrotechnic delay-igniting fuze.

Exhibit P-40, Budget Item Justification							Date: FEBRUARY 2008			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition					P-1 Item Nomenclature: (146800) GRENADES, ALL TYPES					
Program Element for Code B Items:				Other Related Program Elements						
	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Proc Qty										
Gross Cost	A	23.473	59.556	39.038	8.888	12.492	13.830	14.179		171.456
<p>The Mine, Antipersonnel M18A1 Non-Electric (Shock Tube) initiation system (DODIC J007, formally K143) is a fragmentation anti-personnel mine that contains 700 steel balls and 682 grams of composition C4 explosive. It is a command detonated mine that is activated by a blasting cap. The mine projects a fan shaped pattern of steel balls in a 60° arc at a height of 2 meters and cover a casualty radius of 100 meters.</p> <p>The Mine, Antipersonnel Practice M68 with Accessories (Non-Electric, Inert (Shock Tube) initiation system) (DODIC J008, formally K139) is used to train personnel in the handling and use of the Mine, Antipersonnel (APERS) M18A1. The DODIC J008 comes in a kit consisting of the blue M33 APERS Mine and is equipped with the inert blasting cap to simulate command detonation. The Inert Firing Device looks the same as those issued with the M18A1.</p> <p>The Riot Control Agent, CS (DODIC K765) is a capsule that consists of a size 00 gelatin capsule filled with ground CS riot control agent (ortho-chlorobenzylidene malano-nitrile). The CS is ground to a particle size of less than 840 microns. The filled capsule weighs about 0.82 grams. The capsules are used to demonstrate to trainees the protection effort afforded by properly fitted chemical-biological masks, and to demonstrate to unmasked trainees the effects of CS riot control agents.</p> <p>The Floating Smoke Pot (FSP) (DODIC KM03) is procured using the Foreign Comparative Test (FCT) Program. This FSP will replace the existing HC smoke pots. This FSP is designed to screen personnel and equipment movement and will replace current systems with a non-toxic smoke payload, Red Phosphorous (RP), and enhanced fuze.</p> <p>The Signal, Illumination Ground Red Star Cluster M158 (DODIC L306) is a rocket propelled, fin stabilized, hand launched, night time/daytime signaling device. When fired vertically, the signals project to an altitude of approximately 700-800 feet and produce five illuminant "stars" that burn for 6 seconds (minimum). The signal consists of a five star illuminant assembly and a rocket motor propulsion assembly contained in a hand held aluminum launching tube.</p> <p>The Signal, Illumination Ground White Star Cluster M159 (DODIC L307) is a rocket propelled, fin stabilized, hand launched, nighttime/daytime signaling device. When fired vertically, the signals project to an altitude of approximately 700-800 feet and produce five illuminant "stars" that burn for 6 seconds (minimum). The signal consists of a five star illuminant assembly and a rocket motor propulsion assembly contained in a hand held aluminum launching tube.</p> <p>The Signal, Illumination Ground White Star Parachute M127A1 (DODIC L312) is a rocket propelled, fin stabilized, hand launched, nighttime/daytime signaling device. When fired vertically, the signal projects to an altitude of approximately 700-800 feet, producing a parachute suspended star that burns for approximately 25 seconds (minimum). The M127A1 Signal consists of a parachute suspended illuminant assembly and a rocket motor propulsion assembly contained in a hand-held aluminum launching tube.</p> <p>The Signal, Illumination Ground Green Star Cluster M125A1 (DODIC L314) is a rocket propelled, fin stabilized, hand launched, nighttime/daytime signaling device. When fired vertically, the signals project to an altitude of approximately 700-800 feet and produce five illuminant "stars" that burn for 6 seconds (minimum). The M125A1 Signal consists of a five star illuminant assembly and a rocket motor propulsion assembly. Stabilizing fins on the rocket are folded parallel to the axis of the signal.</p>										

Exhibit P-40, Budget Item Justification								Date: FEBRUARY 2008			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition					P-1 Item Nomenclature: (146800) GRENADES, ALL TYPES						
Program Element for Code B Items:				Other Related Program Elements							
	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program	
Proc Qty											
Gross Cost	A	23.473	59.556	39.038	8.888	12.492	13.830	14.179		171.456	
<p>The Signal, Smoke Ground Green Parachute M128A1 (DODIC L324) is a rocket propelled, fin stabilized, hand launched, nighttime/daytime signaling device. When fired vertically, the signal project to an altitude of approximately 700-800 feet, producing a parachute suspended smoke signal, which burns for 6 to 18 seconds. The signal consists of a parachute suspended smoke composition and a rocket motor propulsion assembly. This item is obsolete and an substitute item, to be determined, will be procured.</p> <p>The Flare, Surface Trip M49A1 (DODIC L495) consists of an illuminant assembly, cover loading assembly, and mounting bracket assembly. It is used to give warning of infiltrating Forces by illuminating the field of the advancing enemy. The waterproof cover loading assembly contains a spring-loaded striker, a percussion primer, and an intermediate charge. The mounting bracket holds the illuminant assembly in the position desired.</p> <p>The Simulator, Projectile Ground Burst M115A2 (DODIC L594) is used to simulate battle noises and effects on land only (shells in flight and ground explosions) during maneuvers and personnel training. This simulator consists of a cylindrical paper tube containing a photoflash charge and a whistle assembly.</p> <p>The Simulator, Explosive Booby Trap M117 Flash (DODIC L598) is used as a safe booby trap during maneuvers and in personnel training. Its purpose is to teach the installation, detection and use of booby traps, and to instill caution in troops exposed to booby traps set by an enemy. One end of the cord is covered with a friction composition; the other end is coiled and secured in the end of the body by a paper cap and a strip of tape.</p> <p>The Simulator, Hand Grenade M116A1 (DODIC L601) is used to create battle noises and flashes during training. The Hand Grenade Simulator is thrown in the same manner as the live grenade and creates a flash and loud report 5 to 10 seconds after ignition.</p> <p>The Simulator, Target Hit M25 (DODIC L709 is obsolete, replacement TBD) is used to notify the gunner and crew on live-fire ranges that a target has been hit by producing a flash spray. This simulator consists of an outer plastic container with a protective cap taped to it.</p> <p>The Main Gun Signature Simulator (MGSS) (DODIC LA06) cartridge, which replaces L602, is used to simulate firing of the Tank Main Gun during Force on Force training exercises. This simulator notifies the gunner and crew that the gun has fired.</p> <p>The 66mm Grenade Smoke, Screening, Vehicle Launched MK1 MOD0 (DODIC TBD, formally G826) is used in the M256 Smoke Grenade Launchers installed on Tanks, AAV's, EFV's, and LAVs. This 66mm Gren Smoke Screening will provide infrared and visual smoke screening for armored/tactical vehicles in combat and training environments.</p> <p>The Signaling Colored Smoke Grenade(s) (SCSG) (DODIC's TBD) will replace the current M18 (Green/Yellow/Red/Violet) and AN-M8 (White) colored smoke grenades to meet operational requirements for ground-to-air and ground-to-ground signaling. Shortfalls in domestic production and continued increasing requirements have driven the USMC to seek readily available smoke grenades.</p> <p>Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.</p>											

Appropriation Code/Budget Activity/Serial Number:				P-1 Item Nomenclature:							
Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				(146800) GRENADES, ALL TYPES							
	ID Code	FY2007	FY2008	FY2009							
G930, GRENADE, HAND SMOKE HC AN-M8	A		1.474								
QTY			33,976								
G940, GRENADE, HAND SMOKE GREEN M18	A		0.283								
QTY			3,762								
G945, GRENADE, HAND SMOKE YELLOW M18	A		0.100								
QTY			1,075								
G950, GRENADE, HAND SMOKE RED M18	A	0.081									
QTY		0									
G955, GRENADE, HAND SMOKE VIOLET M18	A	0.133	0.072	0.012							
QTY		0	1,544	0							
K765, RIOT CONTROL AGENT, CS	A										
QTY											
KM03, SMOKE POT, FLOATING RP	A	1.830									
QTY		1,032									
L709, SIMULATOR, TARGET HIT M25	A		0.192								
QTY			1,122								
TBD, SIGNALING COLORED SMOKE GRENADE	A			1.255							
QTY				35,857							
P40a Total		2.044	2.121	1.267							

Exhibit P-5, Cost Analysis			Weapon System			Date: FEBRUARY 2008						
Appropriation Code/Budget Activity/Serial Number:			ID Code:	P-1 Line Item Nomenclature:								
Procurement of Ammunition, Navy and Marine Corps/2/Ammunition			A	(146800) GRENADES, ALL TYPES								
	FY07			FY08			FY09			Total Cost	Qty	Unit Cost
	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost			
WBS COST ELEMENTS												
HARDWARE												
G878, FUZE, HAND GRENADE PRACTICE M228*												
COMPLETE ROUND	2.250	531,360	4.24	18.255	4,013,569	4.55	5.016	1,080,109	4.64			
G881, GRENADE, HAND FRAGMENTATION M67												
LOAD, ASSEMBLY & PACK (LAP)	1.695	88,080	19.24	9.166	238,665	38.41	3.096	95,331	32.48			
COMP B TYPE I GRADE A (LB)	0.098	39,636	2.47	0.265	107,400	2.47	0.099	42,899	2.31			
G900, GRENADE, HAND INC AN-M14 TH3												
COMPLETE ROUND				0.608	7,522	80.78	0.774	9,381	82.52			
J007, MINE, APERS (CLAYMORE) M18A1												
LOAD, ASSEMBLY & PACK (LAP)	0.886	5,581	158.78	0.889	5,126	173.39	1.607	8,342	192.60			
COMP C-4 CLASS 3	0.074	9,209	8.02	0.077	8,458	9.12	0.130	13,765	9.48			
J008, MINE KIT, APERS PRACTICE												
LOAD, ASSEMBLY & PACK (LAP)	0.522	1,615	323.47	1.709	3,328	513.58	0.072	183	394.34			
INERT MINI DEMOLITION SYSTEM	0.102	1,615	63.38	0.209	3,328	62.92	0.013	183	69.14			
L306, SIGNAL, ILLUM GROUND RSC M158*												
LOAD, ASSEMBLY & PACK (LAP)	3.114	77,976	39.93	1.848	39,341	46.97	1.961	41,490	47.26			
BOX METAL M548	0.094	3,283	28.53	0.049	1,657	29.85	0.053	1,747	30.25			
L307, SIGNAL, ILLUM GND WS CLUSTER M159												
LOAD, ASSEMBLY & PACK (LAP)	3.095	76,960	40.22	1.091	23,331	46.78	1.818	37,827	48.06			
BOX METAL M548	0.092	3,210	28.53	0.029	983	29.85	0.048	1,593	30.25			
L312, SIGNAL, ILLUM GROUND WSP M127A1*												
LOAD, ASSEMBLY & PACK (LAP)	3.127	77,547	40.32	1.066	22,313	47.80	2.834	57,093	49.64			
BOX METAL M548	0.093	3,265	28.53	0.028	940	29.85	0.073	2,404	30.25			
L314, SIGNAL, ILLUM GROUND GSC M125A1												
LOAD, ASSEMBLY & PACK (LAP)	3.091	77,341	39.97	0.931	20,024	46.51	2.835	60,349	46.98			
BOX METAL M548	0.093	3,257	28.53	0.025	844	29.85	0.077	2,541	30.25			
*UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS												
SUB TOTAL	18.426			36.245			20.506					

Exhibit P-5, Cost Analysis Continued		Weapon System			Date: FEBRUARY 2008							
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				ID Code: A	P-1 Line Item Nomenclature: (146800) GRENADES, ALL TYPES							
WBS COST ELEMENTS	FY07			FY08			FY09			Total Cost	Qty	Unit Cost
	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost			
L324, SIGNAL, SMOKE GROUND GP M128A1												
LOAD, ASSEMBLY & PACK (LAP)							1.795	38,593	46.51			
BOX METAL M548							0.048	1,586	30.25			
L495, FLARE, SURFACE TRIP M49A1												
COMPLETE ROUND							1.789	47,239	37.86			
L594, SIMULATOR, PROJ GROUND BURST M115A2												
LOAD, ASSEMBLY & PACK (LAP)	0.631	38,384	16.44	2.684	154,619	17.36	3.008	163,585	18.39			
L598, SIMULATOR, BOOBYTRAP FLASH M117												
COMPLETE ROUND	0.639	49,197	12.98	1.873	76,994	24.33	1.096	40,579	27.01			
L601, SIMULATOR, HAND GRENADE, M116A1												
LOAD, ASSEMBLY & PACK (LAP)				0.425	30,777	13.81						
FUZE POWDER TYPE 1				0.000	21	3.21						
LA06, MAIN GUN SIGNATURE SIMULATOR M30												
COMPLETE ROUND	0.043	12,836	3.35									
TBD, 66MM, SMK SCREEN VEH LAUNCH MK1 MOD0												
COMPLETE ROUND				15.175	72,261	210.00	7.332	33,327	220.00			
PRODUCT												
ACCEPTANCE TESTING	0.129			0.057			0.174					
PRODUCTION ENGINEERING	1.527			1.053			1.985					
QUALITY ASSURANCE	0.140			0.082			0.131					
GOVERNMENT FURNISHED MATERIAL	-0.106			-0.159			-0.093					
*UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS												
SUB TOTAL	3.003			21.190			17.265					
TOTAL	21.429			57.435			37.771					

Exhibit P-5a, Procurement History and Planning					Weapon System			Date:		
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition					P-1 Line Item Nomenclature: (146800) GRENADES, ALL TYPES			FEBRUARY 2008		
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
HARDWARE										
G878, FUZE, HAND GRENADE PRACTICE M228										
COMPLETE ROUND										
FY 2007	531,360	4.24	JMC, ROCK ISLAND, IL	JAN 07	C/OP	MARTIN ELECTRONICS INDUSTRIES, PERRY, FL	MAR 07	MAY 08		
FY 2008	1,659,569	4.55	JMC, ROCK ISLAND, IL	JAN 08	C/OP	ALLIANT TECH SYSTEMS, ROCKET CENTER, WV	MAR 08	DEC 09	YES	
FY 2008	2,354,000	4.55	JMC, ROCK ISLAND, IL	JAN 08	C/OP	MARTIN ELECTRONICS INDUSTRIES, PERRY, FL	MAR 08	MAR 09	YES	
FY 2009	486,000	4.64	JMC, ROCK ISLAND, IL	JAN 09	C/FP	TO BE SELECTED	MAY 09	NOV 10	YES	
FY 2009	594,109	4.64	JMC, ROCK ISLAND, IL	JAN 09	C/FP	TO BE SELECTED	MAY 09	NOV 10	YES	
G881, GRENADE, HAND FRAGMENTATION M67										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2007	88,080	19.24	JMC, ROCK ISLAND, IL	JAN 07	C/OP	L-3 COMM BT FUZE, LANCASTER, PA	MAR 07	SEP 08	YES	
FY 2008	238,665	38.41	JMC, ROCK ISLAND, IL	JAN 08	C/OP	L-3 COMM BT FUZE, LANCASTER, PA	MAR 08	APR 09	YES	
FY 2009	95,331	32.48	JMC, ROCK ISLAND, IL	JAN 09	C/OP	L-3 COMM BT FUZE, LANCASTER, PA	MAR 09	MAR 10	YES	
COMP B TYPE 1 GRADE A (LB)										
FY 2007	39,636	2.47	JMC, ROCK ISLAND, IL	N/A	N/A	STOCK ISSUE	N/A	N/A	YES	
FY 2008	107,400	2.47	JMC, ROCK ISLAND, IL	N/A	N/A	STOCK ISSUE	N/A	N/A	YES	
FY 2009	42,899	2.31	JMC, ROCK ISLAND, IL	N/A	N/A	STOCK ISSUE	N/A	N/A	YES	
G900, GRENADE, HAND INCENDIARY TH-3 AN-M14										
COMPLETE ROUND										
FY 2008	7,522	80.78	JMC, ROCK ISLAND, IL	JAN 08	C/FP	TO BE SELECTED	MAY 08	NOV 09	YES	
FY 2009	9,381	82.52	JMC, ROCK ISLAND, IL	JAN 09	C/OP	TO BE SELECTED	MAR 09	MAR 10	YES	
J007 MINE, APERS (CLAYMORE) M18A1										
LOAD, ASSEMBLY & PACK (LAP)										
FY 2007	5,581	158.78	JMC, ROCK ISLAND, IL	JAN 07	C/OP	SPECTRA TECHNOLOGIES, EAST CAMDEN, AR	MAR 07	OCT 08	YES	
FY 2008	5,126	173.39	JMC, ROCK ISLAND, IL	JAN 08	C/OP	SPECTRA TECHNOLOGIES, EAST CAMDEN, AR	MAR 08	JUL 09	YES	
FY 2009	8,342	192.60	JMC, ROCK ISLAND, IL	JAN 09	C/OP	SPECTRA TECHNOLOGIES, EAST CAMDEN, AR	MAR 09	JUL 10	YES	
COMP C-4 CLASS 3 (LB)										
FY 2007	9,209	8.02	JMC, ROCK ISLAND, IL	JAN 07	SS/FP	ORDNANCE SYSTEMS INC (HAAP) KINGSPORT, TN	MAY 07	FEB 08	YES	
FY 2008	8,458	9.12	JMC, ROCK ISLAND, IL	JAN 08	SS/FP	ORDNANCE SYSTEMS INC (HAAP) KINGSPORT, TN	MAR 08	JAN 09	YES	
FY 2009	13,765	9.48	JMC, ROCK ISLAND, IL	JAN 09	SS/FP	ORDNANCE SYSTEMS INC (HAAP) KINGSPORT, TN	MAR 09	JAN 10	YES	
J008, MINE KIT, APERS PRACTICE										
LOAD, ASSEMBLY & PACK (LAP)										
FY 2007	1,615	323.47	JMC, ROCK ISLAND, IL	JAN 07	C/OP	SPECTRA TECHNOLOGIES, EAST CAMDEN, AR	MAR 07	APR 08		
FY 2008	3,328	513.58	JMC, ROCK ISLAND, IL	JAN 08	C/OP	SPECTRA TECHNOLOGIES, EAST CAMDEN, AR	MAR 08	MAR 09	YES	
FY 2009	183	394.34	JMC, ROCK ISLAND, IL	JAN 09	C/OP	SPECTRA TECHNOLOGIES, EAST CAMDEN, AR	MAR 09	MAR 10	YES	
INERT MINI DEMOLITION SYSTEM										
FY 2007	1,615	63.38	JMC, ROCK ISLAND, IL	JAN 07	C/OP	SPECTRA TECHNOLOGIES, EAST CAMDEN, AR	MAR 07	APR 08		
FY 2008	3,328	62.92	JMC, ROCK ISLAND, IL	JAN 08	C/OP	SPECTRA TECHNOLOGIES, EAST CAMDEN, AR	MAR 08	MAR 09	YES	
FY 2009	183	69.14	JMC, ROCK ISLAND, IL	JAN 09	C/OP	SPECTRA TECHNOLOGIES, EAST CAMDEN, AR	MAR 09	MAR 10	YES	

Exhibit P-5a, Procurement History and Planning					Weapon System			Date:		
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition					P-1 Line Item Nomenclature: (146800) GRENADES, ALL TYPES			FEBRUARY 2008		
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
HARDWARE										
L306, SIGNAL, ILLUM GROUND RSC M158										
LOAD, ASSEMBLY & PACK (LAP)										
FY 2007	77,976	39.93	JMC, ROCK ISLAND, IL	OCT 06	C/OP	SECURITY SIGNALS, CORDOVA, TN	JAN 07	DEC 08	YES	
FY 2008	39,341	46.97	JMC, ROCK ISLAND, IL	JAN 08	C/OP	SECURITY SIGNALS, CORDOVA, TN	MAR 08	MAR 09	YES	
FY 2009	41,490	47.26	JMC, ROCK ISLAND, IL	JAN 09	C/OP	SECURITY SIGNALS, CORDOVA, TN	MAR 09	MAR 10	YES	
BOX, METAL M548										
FY 2007	3,283	28.53	JMC, ROCK ISLAND, IL	NOV 06	C/OP	CONCO INC. LOUISVILLE, KY	FEB 07	NOV 07	YES	
FY 2008	1,657	29.85	JMC, ROCK ISLAND, IL	JAN 08	C/OP	CONCO INC. LOUISVILLE, KY	MAR 08	JAN 09	YES	
FY 2009	1,747	30.25	JMC, ROCK ISLAND, IL	JAN 09	C/FP	TO BE SELECTED	MAR 09	JAN 10	YES	
L307, SIGNAL, ILLUM GND WS CLUSTER M159										
LOAD, ASSEMBLY & PACK (LAP)										
FY 2007	76,960	40.22	JMC, ROCK ISLAND, IL	OCT 06	C/OP	SECURITY SIGNALS, CORDOVA, TN	JAN 07	MAY 08	YES	
FY 2008	23,331	46.78	JMC, ROCK ISLAND, IL	JAN 08	C/OP	SECURITY SIGNALS, CORDOVA, TN	MAR 08	MAR 09	YES	
FY 2009	37,827	48.06	JMC, ROCK ISLAND, IL	JAN 09	C/OP	SECURITY SIGNALS, CORDOVA, TN	MAR 09	MAR 10	YES	
BOX, METAL M548										
FY 2007	3,210	28.53	JMC, ROCK ISLAND, IL	NOV 06	C/OP	CONCO INC. LOUISVILLE, KY	FEB 07	NOV 07	YES	
FY 2008	983	29.85	JMC, ROCK ISLAND, IL	JAN 08	C/OP	CONCO INC. LOUISVILLE, KY	MAR 08	JAN 09	YES	
FY 2009	1,593	30.25	JMC, ROCK ISLAND, IL	JAN 09	C/FP	TO BE SELECTED	MAR 09	JAN 10	YES	
L312, SIGNAL, ILLUM GROUND WSP M127A1										
LOAD, ASSEMBLY & PACK (LAP)										
FY 2007	77,547	40.32	JMC, ROCK ISLAND, IL	OCT 06	C/OP	SECURITY SIGNALS, CORDOVA, TN	JAN 07	MAR 08	YES	
FY 2008	22,313	47.80	JMC, ROCK ISLAND, IL	JAN 08	C/OP	SECURITY SIGNALS, CORDOVA, TN	MAR 08	MAR 09	YES	
FY 2009	57,093	49.64	JMC, ROCK ISLAND, IL	JAN 09	C/OP	SECURITY SIGNALS, CORDOVA, TN	MAR 09	MAR 10	YES	
BOX, METAL M548										
FY 2007	3,265	28.53	JMC, ROCK ISLAND, IL	JAN 07	C/OP	CONCO INC. LOUISVILLE, KY	MAR 07	SEP 07	YES	
FY 2008	940	29.85	JMC, ROCK ISLAND, IL	JAN 08	C/OP	CONCO INC. LOUISVILLE, KY	MAR 08	JAN 09	YES	
FY 2009	2,404	30.25	JMC, ROCK ISLAND, IL	JAN 09	C/FP	TO BE SELECTED	MAR 09	NOV 09	YES	
L314, SIGNAL, ILLUM GROUND GSC M125A1										
LOAD, ASSEMBLY & PACK (LAP)										
FY 2007	77,341	39.97	JMC, ROCK ISLAND, IL	OCT 06	C/OP	SECURITY SIGNALS, CORDOVA, TN	JAN 07	AUG 08	YES	
FY 2008	20,024	46.51	JMC, ROCK ISLAND, IL	JAN 08	C/OP	SECURITY SIGNALS, CORDOVA, TN	MAR 08	MAR 09	YES	
FY 2009	60,349	46.98	JMC, ROCK ISLAND, IL	JAN 09	C/OP	SECURITY SIGNALS, CORDOVA, TN	MAR 09	MAR 10	YES	
BOX, METAL M548										
FY 2007	3,257	28.53	JMC, ROCK ISLAND, IL	NOV 06	C/OP	CONCO INC. LOUISVILLE, KY	FEB 07	JAN 08	YES	
FY 2008	844	29.85	JMC, ROCK ISLAND, IL	JAN 08	C/OP	CONCO INC. LOUISVILLE, KY	MAR 08	JAN 09	YES	
FY 2009	2,541	30.25	JMC, ROCK ISLAND, IL	JAN 09	C/FP	TO BE SELECTED	MAR 09	JAN 10	YES	
L324, SIGNAL, SMOKE GROUND GP M128A1										
LOAD, ASSEMBLY & PACK (LAP)										
FY 2009	38,593	46.51	JMC, ROCK ISLAND, IL	JAN 09	C/OP	TO BE SELECTED	MAR 09	MAR 10	YES	
BOX, METAL M548										
FY 2009	1,586	30.25	JMC, ROCK ISLAND, IL	JAN 09	C/OP	TO BE SELECTED	MAR 09	JAN 10	YES	

Exhibit P-5a, Procurement History and Planning					Weapon System			Date:			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition					P-1 Line Item Nomenclature: (146800) GRENADES, ALL TYPES						
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available	
HARDWARE											
L495, FLARE, SURFACE TRIP M49A1											
COMPLETE ROUND											
FY 2009	47,239	37.86	JMC, ROCK ISLAND, IL	JAN 09	C/OP	MARTIN ELECTRONICS INDUSTRIES, PERRY, FL	MAR 09	MAR 10	YES		
L594, SIMULATOR, PROJ GROUND BURST M115A2											
LOAD, ASSEMBLY & PACK (LAP)											
FY 2007	38,384	16.44	JMC, ROCK ISLAND, IL	JAN 07	C/OP	GRUCCI FIREWORKS, RADFORD, VA	DEC 06	MAR 08			
FY 2008	154,619	17.36	JMC, ROCK ISLAND, IL	JAN 08	C/OP	GRUCCI FIREWORKS, RADFORD, VA	MAR 08	APR 09	YES		
FY 2009	163,585	18.39	JMC, ROCK ISLAND, IL	JAN 09	C/OP	GRUCCI FIREWORKS, RADFORD, VA	MAR 09	MAR 10	YES		
L598, SIMULATOR, BOOBYTRAP FLASH M117											
COMPLETE ROUND											
FY 2007	49,197	12.98	JMC, ROCK ISLAND, IL	JAN 07	C/OP	BULOVA TECHNOLOGIES, LANCASTER, PA	AUG 07	JUN 09			
FY 2008	76,994	24.33	JMC, ROCK ISLAND, IL	JAN 08	C/FP	TO BE SELECTED	MAY 08	NOV 09	YES		
FY 2009	40,579	27.01	JMC, ROCK ISLAND, IL	JAN 09	C/OP	TO BE SELECTED	MAR 09	MAR 10	YES		
L601, SIMULATOR, HAND GRENADE, M116A1											
LOAD, ASSEMBLY & PACK (LAP)											
FY 2008	30,777	13.81	JMC, ROCK ISLAND, IL	JAN 08	C/OP	GRUCCI FIREWORKS, RADFORD, VA	MAR 08	MAR 09	YES		
FUZE POWDER TYPE 1											
FY 2008	21	3.21	JMC, ROCK ISLAND, IL	N/A	N/A	STOCK ISSUE	N/A	N/A			
LA06, MAIN GUN SIGNATURE SIMULATOR M30											
COMPLETE ROUND											
FY 2007	12,836	3.35	JMC, ROCK ISLAND, IL	JAN 07	SSM-2/FP	DIEHL MFG, NUREMBERG, GERMANY	APR 07	JUL 08	YES		
66MM, GREN SMK SCREEN VEH LAUNCH MK1 MOD0											
COMPLETE ROUND											
FY 2008	72,261	210.00	MCSC, QUANTICO, VA	JUN 06	C/OP	RHEINMETALL, NEUENBURG, GERMANY	MAR 08	MAR 10	YES		
FY 2009	33,327	220.00	MCSC, QUANTICO, VA	JUN 06	C/OP	RHEINMETALL, NEUENBURG, GERMANY	MAR 09	MAR 11	YES		

Exhibit P-21, Production Schedule Date: FEBRUARY 2008

Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition Weapon System P-1 Line Item Nomenclature: (146800) DODIC: G878, FUZE, HAND GRENADE PRACTICE M228

Item	Manufacturer's Name and Location	PRODUCTION RATE			PROCUREMENT LEADTIMES					
		MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure
G878	1 ALLIANT TECH SYSTEMS, ROCKET CENTER, WV	10	19	38	6	8	18	18	26	M
	2 MARTIN ELECTRONICS INDUSTRIES, PERRY, FL	20	28	46	6	6	12	18	26	M
	3 TO BE SELECTED	40	52	76	6	6	12	18	26	M

Fiscal Year 2007 Fiscal Year 2008

Item	FY	Calendar Year 2007												Calendar Year 2008															
		S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
G878	2007	MC1	0.53	0	0.53																								
	2008	MC1	1.65	0	1.65																								
	2008	MC2	2.35	0	2.35																								
	2009	MC3	0.48	0	0.48																								
	2009	MC3	0.59	0	0.59																								

Fiscal Year 2009 Fiscal Year 2010

Item	FY	Calendar Year 2009												Calendar Year 2010															
		S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
G878	2007	MC1	0.53	0.23	0.30	0.08																							
	2008	MC1	1.65	0	1.65																								
	2008	MC2	2.35	0	2.35																								
	2009	MC3	0.48	0	0.48																								
	2009	MC3	0.59	0	0.59																								

REMARKS: THIS DOES NOT INCLUDE PRIOR YEAR DELIVERIES AS REFLECTED IN THE ARMY'S QUANTITIES FOR FY 07.

Exhibit P-21, Production Schedule										Date: FEBRUARY 2008																				
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition										Weapon System		P-1 Line Item Nomenclature: (146800) DODIC: G881, GRENADE, HAND FRAGMENTATION M67																		
										PRODUCTION RATE			PROCUREMENT LEADTIMES																	
Item	Manufacturer's Name and Location									MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure												
G881	1 L-3 COMM BT FUZE, PA									30	50	100	6	8	18	18	26	K												
										Fiscal Year 2007							Fiscal Year 2008													
										Calendar Year 2007							Calendar Year 2008													
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B O C T
G881	2007	MC1	88.0	0	88.0						A																		17.0	71.0
	2008	MC1	239	0	239																	A								0.0
	2009	MC1	95.0	0	95.0																									0.0
										Fiscal Year 2009							Fiscal Year 2010													
										Calendar Year 2009							Calendar Year 2010													
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B O C T
G881	2007	MC1	88.0	17.0	71.0	17.0	17.0	17.0	20.0																					0
	2008	MC1	239	0	239							22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	19.0							0
	2009	MC1	95.0	0	95.0						A												8.0	8.0	8.0	8.0	8.0	8.0	8.0	39.0
										Fiscal Year 2009							Fiscal Year 2010													

REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.

Exhibit P-21, Production Schedule																	Date: FEBRUARY 2008														
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition											Weapon System		P-1 Line Item Nomenclature: (146800) DODIC:TBD, 66MM SMK SCREENING VEH LAUNCHED MK1 MOD0																		
Item	Manufacturer's Name and Location						PRODUCTION RATE			PROCUREMENT LEADTIMES																					
							MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																
66MM, GREN SMK SCREEN VEH LAUNCH MK1 MOD0	1 RHEINMETALL, NEUENBURG, GERMANY						2500	5000	10000	6	5	12	12	17	K																
Fiscal Year 2007																	Fiscal Year 2008														
Calendar Year 2007																	Calendar Year 2008														
Item	F Y	S V	Q T	D E	B A	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	B L	
66MM GREN SMK SCR N VEH LA	2008	MC1	72.2	0	72.2																		A								72.2
	2009	MC1	33.3	0	33.3																										33.3
Fiscal Year 2009																	Fiscal Year 2010														
Calendar Year 2009																	Calendar Year 2010														
Item	F Y	S V	Q T	D E	B A	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	B L	
66MM GREN SMK SCR N VEH LA	2008	MC1	72.2	0	72.2																		7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	19.7
	2009	MC1	33.3	0	33.3								A																		33.3

Exhibit P-21, Production Schedule										Date: FEBRUARY 2008																				
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition										Weapon System		P-1 Line Item Nomenclature: (146800) DODIC:TBD, 66MM SMK SCREENING VEH LAUNCHED MK1 MOD0																		
		PRODUCTION RATE			PROCUREMENT LEADTIMES																									
Item	Manufacturer's Name and Location		MSR	ECON	MAX	ALT Prior to Oct 1		ALT After Oct 1		Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																	
66MM, SMK SCREEN VEH LAUNCH MK1 MOD0	1 RHEINMETALL, NEUENBURG, GERMANY		2500	5000	10000	6		5		12	12	17	K																	
Fiscal Year 2011					Fiscal Year 2012																									
Calendar Year 2011					Calendar Year 2012																									
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B O C T
66MM SMK SCREEN VEH LA	2008	MC1	72.2	52.5	19.7	7.5	7.5	4.7																						0
	2009	MC1	33.3	0	33.3					7.5	7.5	7.5	7.5	3.3															0	
Fiscal Year 2013					Fiscal Year 2014																									
Calendar Year 2013					Calendar Year 2014																									
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B O C T

Exhibit P-40, Budget Item Justification							Date: FEBRUARY 2008			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition					P-1 Item Nomenclature: (147100) ROCKETS, ALL TYPES					
Program Element for Code B Items:				Other Related Program Elements						
	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Proc Qty										
Gross Cost	A	22.766	40.171	26.087	14.140	16.663	15.859	16.139		151.825
<p>Description: The Cartridge and Launcher, 84mm M136 AT-4 (DODIC C995) is mainly employed against armored personnel carriers. However, it can be used against battle tanks when fired at the flanks or rear. It can also be employed as an assault weapon against bunkers, field fortifications, and other hard-point positions. Issued as one round of ammunition, the AT-4 tactical round is a self-contained, lightweight, disposable weapon.</p> <p>The Cartridge and Launcher, 84mm, Confined Space (DODIC CA30) is mainly employed against armored personnel carriers. However, it also can be fired from an enclosed space. It can also be employed as an assault weapon against bunkers, field fortifications, and other hard-point positions.</p> <p>The Rocket, 21mm M72AS LAW Trainer (DODIC HA21) is a practice rocket that simulates the M72A7 Tactical Rocket. The Trainer Rocket is used with the M72AS Trainer Launcher (E5002VIIB) which uses the same tube as the DODIC HA29 but contains a 21mm sub-caliber barrel insert.</p> <p>The M72A7 Tactical Rocket, High Explosive, (DODIC HA29) is a lightweight, single shot, disposable weapon optimized to defeat lightly armored vehicles and other hard targets at close combat ranges.</p> <p>The SMAW Novel Explosive (DODIC HA34) round consists of an Encased Assault Rocket (EAR) with a Novel Explosive (thermobaric) warhead. The SMAW-NE is issued as a round of ammunition for firing from the reusable MK 153 launcher.</p> <p>The Rocket, 21mm M72AS LAW Inert Trainer (DODIC HA46) is a 21mm Sub-Caliber training rocket that allows for classroom and field handling (loading, unloading, firing, and misfire) procedures with the M72AS trainer.</p> <p>The Rocket, 83mm High-Explosive Anti-Armor (HEAA) MK6 Mod 0 (SMAW) (DODIC HX06) is designed especially for use against main battle tanks and other armored vehicles. The rocket is an unguided, high explosive anti-armor rocket contained in a disposable one-shot rocket container.</p> <p>The Rocket, 83mm High-Explosive Anti-Armor (HEAA) Practice MK7 Mod 0 (SMAW) (DODIC HX07) Rocket is designed as a practice round for DODICs HX05, HA34 and HX06 SMAW rockets.</p> <p>The Trainer Launcher M72AS, E5002VIIB, (DODIC PLAR) is used with DODIC HA21 or HA46, which is the same tube as the Tactical Rocket (DODIC: HA29) but contains a 21mm subcaliber insert for use with the 21mm sub-caliber munition.</p> <p>Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.</p> <ol style="list-style-type: none"> Received \$12.187M in FY07 GWOT. Received \$8.273M in FY08 from the 2008 Consolidated Appropriation Act, Division L. FY08 funding totals do not include \$8.273M previously requested for current FY08 GWOT requirements. 										

Exhibit P-40a, Budget Item Justification for Aggregated Items							Date: FEBRUARY 2008			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition			P-1 Item Nomenclature: (147100) ROCKETS, ALL TYPES							
	ID Code	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013		
CA30, CTG, (CONFINED SPACE)	A	0.000	0.000	1.000						
QTY		0	0	193						
HA34, ROCKET, MK 80 MOD 0 (SMAW-NE)	A	0.112	0.000	0.000						
QTY		0	0	0						
HA46, ROCKET, 21MM M72AS LAW INERT TRAINER	A	0.000	0.039	0.050						
QTY		0	298	371						
HX06, ROCKET, 83MM HEAA	A	0.814	0.000	0.000						
QTY		0	0	0						
HX07, ROCKET, 83MM HEAA PRACTICE	A	0.000	0.000	2.054						
QTY		0	0	1,138						
PLAR, TRAINER LAUNCHER M72AS (E5002VIIB)	A	0.000	0.435	0.450						
QTY		0	300	300						
P40a Total		0.926	0.474	3.554						

Exhibit P-21, Production Schedule Date: FEBRUARY 2008

Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition Weapon System P-1 Line Item Nomenclature: (147100) DODIC: HA21, ROCKET, TRAINER M72AS 21MM

Item	Manufacturer's Name and Location	PRODUCTION RATE			PROCUREMENT LEADTIMES					
		MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure
HA21	1 TALLEY DEFENSE SYS, MESA, A	100	200	300	0	0	12	12	12	M

Item	Fiscal Year 2007												Fiscal Year 2008																	
	Calendar Year 2007												Calendar Year 2008																	
	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B O C T
HA21	2008	MC1	.13	0.0	.13													A												.13
	2009	MC1	.14	0.0	.14																									.14

Item	Fiscal Year 2009												Fiscal Year 2010																	
	Calendar Year 2009												Calendar Year 2010																	
	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B O C T
HA21	2008	MC1	.13	0.0	.13	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02													0.0	
	2009	MC1	.14	0.0	.14	A											0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.0

REMARKS:

Exhibit P-21, Production Schedule	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	Weapon System	P-1 Line Item Nomenclature: (147100) DODIC: HA29, ROCKET, 66MM HE M72A7 W/GRAZE
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Item	Manufacturer's Name and Location	PRODUCTION RATE			PROCUREMENT LEADTIMES						Unit of Measure
		MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total		
HA29	1 TALLEY DEFENSE SYS, MESA, A	100	200	300	1	11	25	14	35	K	

Item	Fiscal Year 2007												Fiscal Year 2008																	
	Calendar Year 2007												Calendar Year 2008																	
	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B O C T
HA29	2007	MC1	6.59	0	6.59											A														6.59
	2008	MC1	12.6	0	12.6																							A		12.6
	2009	MC1	4.51	0	4.51																									4.51

Item	Fiscal Year 2009												Fiscal Year 2010																	
	Calendar Year 2009												Calendar Year 2010																	
	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B O C T
HA29	2007	MC1	6.59	0	6.59	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.54													0	
	2008	MC1	12.6	0	12.6												1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.5	0
	2009	MC1	4.51	0	4.51											A													4.51	

REMARKS:

Exhibit P-40, Budget Item Justification	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (147300) ARTILLERY, ALL TYPES
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Program Element for Code B Items:	Other Related Program Elements
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	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Proc Qty										
Gross Cost	A	62.321	109.513	117.213	106.170	142.118	61.222	96.756		695.313

Description: The Projectile, 155mm Illuminating M485A2 (DODIC D505) is a separate loading artillery projectile that consists of a hollow steel shell with an illuminant canister, a canister expelling charge in the projectile nose, and a drogue parachute in the base. This projectile is fired from the 155mm M198 and M777 Towed Howitzers. The projectile uses a Mechanical Time fuze.

The Projectile, 155mm High Explosive (HE) M795 (DODIC D529) is fired from the 155mm M198 Howitzer and is compatible with the M777 Light Weight 155 Howitzer. It is used to provide conventional support fires and provides an increase in range, lethality, and accuracy.

The Projectile, 155mm Smoke White Phosphorus (WP) M110A2 (DODIC D550) is a separate loading projectile used to provide smoke for marking purposes and can be used to provide screening of mechanized or infantry maneuver. The M110A2 projectile is fired from the M198 and M777 Towed Howitzers. A point detonating fuze is normally used with this projectile.

The M231 Modular Artillery Charge System (MACS)(DODIC DA12) is a propelling charge for the 155mm family of artillery projectiles. The M231 is used at lower zones (1 or 2 increments at a time) and is based on the classical unicharge design, i.e. bi-directional center core ignition, granular propellant contained in a rigid combustible case. MACS will offer improvements in logistics, range, and simplicity when compared to existing bag propellants (M203 series, M119 series, M3 series and M4 series).

The M232 Modular Artillery Charge System (MACS) (DODIC DA13) is a propelling charge for the 155mm family of artillery projectiles. The M232 is used at higher zones (3, 4, 5 or 6 increments at a time) and is based on the classical unicharge design, i.e. bi-directional center core ignition, granular propellant contained in a rigid combustible case. MACS will offer improvements in logistics, range, and simplicity when compared to existing bag propellants (M203 series, M119 series and M4 series).

Excalibur (DODIC DA39) provides improved fire support through a Precision Guided Extended Range family of munitions with greatly increased accuracy and reduced collateral damage. The Excalibur is compatible with the M777A2 Lightweight 155mm Howitzer (LW155), the Paladin howitzer, and the Future Combat Systems (FCS) Non-Line of Sight Cannon (NLOS-C). Excalibur provides a 33% range increase over current Rocket Assisted Projectiles with a 10 meter accuracy (circular error probable (CEP)) at all ranges, and is also highly resistant to GPS jamming. This item is Code B, not approved for service use.

The Primer, Percussion M82 (DODIC N523) consists of a cylindrical brass case with an extraction flange, which contains a plunger in the base, an ignition element, and a container loaded with 22 grains of black powder. The plunger (primer) has an integral striker and is activated by the breech mechanism firing pin. The ignition element is threaded into the primer case forward of the striker and contains a percussion primer. The primer contains primer mixture and an anvil, and is sensitive to impact from the plunger. The black powder container is also threaded into the case with the open end toward the ignition element. This end is sealed with a paper disk to prevent seepage of black powder granules. The M82 Primer is used in the M198 Howitzer assembly for firing 155MM Artillery projectiles.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

1. Received \$25.001M in FY07 GWOT.
2. Received \$51.033M in FY08 from the 2008 Consolidated Appropriation Act, Division L.
3. FY08 funding totals do not include \$51.033M previously requested for current FY08 GWOT requirements.

Exhibit P-5, Cost Analysis			Weapon System			Date: FEBRUARY 2008						
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition			ID Code: A	P-1 Line Item Nomenclature: (147300) ARTILLERY, ALL TYPES								
WBS COST ELEMENTS	FY07			FY08			FY09			Cost	Qty	Unit Cost
	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost			
HARDWARE												
D505, PROJ, 155MM, M485A2, ILLUM												
LOAD, ASSEMBLE & PACK (LAP)	32.348	25,632	1262.00	5.715	6,690	854.25	0.923	4,813	191.79			
*UNIVERSAL LIFTING PLUG(EA)	0.227	26,401	8.59	0.055	6,891	8.02	0.048	4,910	9.69			
CANDLE							1.655	5,006	330.69			
CANISTER, BASE ASSY							0.152	4,862	31.26			
CANISTER, MPTS ASSY							0.531	4,862	109.19			
DELAY ELEMENT							0.322	5,054	63.67			
GROMMET(EA)	0.158	26,401	6.00	0.013	6,891	1.95	0.032	4,958	6.50			
PARACHUTE, DROGUE ASSY							0.160	4,862	32.82			
PARACHUTE, DROGUE SUPPORTS							0.008	4,862	1.67			
PARACHUTE, MAIN							0.277	4,862	57.02			
PARACHUTE, MAIN SUPPORTS							0.052	19,734	2.61			
PROJ MPTS(EA)				2.758	6,824	404.15	1.679	4,910	342.04			
D529, PROJ, 155MM, M795, HE EX RANGE*												
LOAD, ASSEMBLE & PACK (LAP)	3.001	40,551	74.02	7.072	92,763	76.24	5.395	68,712	78.53			
LIFTING PLUGS	0.359	41,362	8.68	0.845	94,618	8.94	0.645	70,086	9.21			
PROJ M795 MPTS	12.543	41,362	303.27	29.555	89,126	312.37	22.549	70,086	321.74			
SUPPLEMENTAL CHARGES	0.217	41,362	5.25	0.511	89,126	5.41	0.390	70,086	5.57			
TNT TYPE I GRADE A(LB)	2.676	1,216,530	2.20	6.317	2,621,370	2.27	4.802	2,061,360	2.33			
WOODEN PALLETS	0.305	5,069	60.35	0.720	11,595	62.16	0.550	8,589	64.09			
D550, PROJ, 155MM, M110A2, SMOKE WP												
LOAD, ASSEMBLE & PACK (LAP)				1.891	5,990	315.64						
TNT TYPE I FLAKE(LB)				0.003	1,281	2.43						
UNIVERSAL LIFTING PLUG (EA)				0.049	6,170	8.02						
CASING BSTR(EA)				0.388	6,110	63.44						
CHG BSTR M54A1 ASSY(EA)				0.195	6,170	31.59						
CYCLOTOL 75/25 TYPE 1				0.087	11,022	7.93						
GROMMET(EA)				0.012	6,170	1.95						
PROJ 155MM WP M110A2 MPTS				1.861	6,110	304.57						
Sub Total	51.834			58.047			40.170					

Exhibit P-5, Cost Analysis		Weapon System			Date:							
Appropriation Code/Budget Activity/Serial Number:		ID Code:	P-1 Line Item Nomenclature:			FEBRUARY 2008						
Procurement of Ammunition, Navy and Marine Corps/2/Ammunition		A	(147300) ARTILLERY, ALL TYPES									
WBS COST ELEMENTS	FY07			FY08			FY09			Total Cost	Qty	Unit Cost
	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost			
DA12, CHG, 155MM, M231, MOD ARTY CHG SYS*							5.691	325,013	17.51			
LOAD, ASSEMBLE & PACK (LAP)							0.298	20,313	14.69			
BLACK POWDER, M231							10.344	334,763	30.90			
COMBUSTIBLE CASE SETS							0.188	20,923	8.97			
IGNITION SYSTEM PROPELLANT							4.310	83,691	51.50			
LAP CONTAINERS							5.448	1,137,546	4.79			
PROPELLANT, SINGLE BASE, M231												
DA13, CHG, 155MM, M232, MOD ARTY CHG SYS*				4.438	204,500	21.70	6.840	306,057	22.35			
LOAD, ASSEMBLE & PACK (LAP)				0.182	12,781	14.26	0.281	19,129	14.69			
BLACK POWDER				6.530	210,635	31.00	10.065	315,239	31.93			
COMBUSTIBLE CASE SETS				0.115	13,165	8.71	0.177	19,702	8.97			
IGNITION SYSTEM/SPHERIODAL PROPELLANT				2.106	42,127	50.00	3.246	63,048	51.50			
LAP CONTAINERS				11.247	1,022,500	11.00	17.338	1,530,285	11.33			
PROPELLANT (M232 TRIPLE BASE)												
DA39, PROJ, 155MM, HE, M982 EXTENDED RANGE				19.000	152	125,000.00						
COMPLETE ROUND				0.182	152	1,000.00						
CONTAINER SYSTEM												
N523, PRIMER PERCUSSION, M82												
COMPLETE ROUND	4.832	2,176,576	2.22									
PRODUCT												
ACCEPTANCE TESTING	2.712			3.057			3.936					
PRODUCT ENGINEERING	0.131			0.242			0.384					
PRODUCTION ENGINEERING	2.808			3.936			6.503					
QUALITY ASSURANCE	0.004			0.431			1.994					
NONRECURRING												
GOVERNMENT FURNISHED MATERIAL												
Sub Total From Previous Page	51.834			58.047			40.170					
	62.321			109.513			117.213					

* UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS.

Exhibit P-5a, Procurement History and Planning					Weapon System			Date:		
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition					P-1 Line Item Nomenclature: (147300) ARTILLERY, ALL TYPES					
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
D505, PROJ, 155MM, M485A2, ILLUM LOAD, ASSEMBLE & PACK (LAP)										
FY 2007	25,632	1262.00	JMC, ROCK ISLAND, IL	UNKNOWN	SS/FP	PINE BLUFF ARSENAL, PINE BLUFF, AR	DEC 06	OCT 08	YES	
FY 2008	6,690	854.25	JMC, ROCK ISLAND, IL	UNKNOWN	SS/FP	PINE BLUFF ARSENAL, PINE BLUFF, AR	DEC 07	JUN 09	YES	
FY 2009	4,813	191.79	JMC, ROCK ISLAND, IL	UNKNOWN	SS/FP	PINE BLUFF ARSENAL, PINE BLUFF, AR	DEC 08	JUN 10	YES	
UNIVERSAL LIFTING PLUG										
FY 2007	26,401	8.59	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	CORONET MACH CORP, YONKERS NY	MAR 07	FEB 08	YES	
FY 2008	6,891	8.02	JMC, ROCK ISLAND, IL	UNKNOWN	C/OPTION	CORONET MACH CORP, YONKERS NY	MAR 08	OCT 08	YES	
FY 2009	4,910	9.69	JMC, ROCK ISLAND, IL	UNKNOWN	C/OPTION	CORONET MACH CORP, YONKERS NY	MAR 09	OCT 09	YES	
CANDLE										
FY 2009	5,006	330.69	JMC, ROCK ISLAND, IL	UNKNOWN	SS/FP	CRANE AAP, CRANE, IN	DEC 08	AUG 09	YES	
CANISTER, BASE ASSY										
FY 2009	4,862	31.26	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	TO BE DETERMINED (TBD)	MAR 09	NOV 09	YES	
CANISTER, MPTS ASSY										
FY 2009	4,862	109.19	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	TO BE DETERMINED (TBD)	MAR 09	NOV 09	YES	
DELAY ELEMENT										
FY 2009	5,054	63.67	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	TO BE DETERMINED (TBD)	MAR 09	JUL 09	YES	
GROMMET (EA)										
FY 2007	26,401	6.00	JMC, ROCK ISLAND, IL	UNKNOWN	SS/FP	LC INDUSTRIES HAZELHURST, MS	MAR 07	FEB 08	YES	
FY 2008	6,891	1.95	JMC, ROCK ISLAND, IL	UNKNOWN	SS/FP	LC INDUSTRIES HAZELHURST, MS	JAN 08	OCT 08	YES	
FY 2009	4,958	6.50	JMC, ROCK ISLAND, IL	UNKNOWN	SS/FP	LC INDUSTRIES HAZELHURST, MS	JAN 09	OCT09	YES	
PARACHUTE, DROGUE ASSY										
FY 2009	4,862	32.82	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	TO BE DETERMINED (TBD)	JUN 09	DEC 09	YES	
PARACHUTE, DROGUE SUPPORTS										
FY 2009	4,862	1.67	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	TO BE DETERMINED (TBD)	JUN 09	DEC 09	YES	
PARACHUTE, MAIN										
FY 2009	4,862	57.02	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	TO BE DETERMINED (TBD)	JUN 09	DEC 09	YES	
PARACHUTE, MAIN SUPPORTS										
FY 2009	19,734	2.61	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	TO BE DETERMINED (TBD)	JUN 09	DEC 09	YES	
PROJ MPTS										
FY 2008	6,824	404.15	JMC, ROCK ISLAND, IL	UNKNOWN	C/OPTION	IMT COPORATION, INGERSOLL, ONTARIO CANADA	DEC 07	DEC 08	YES	
FY 2009	4,910	342.04	JMC, ROCK ISLAND, IL	UNKNOWN	C/OPTION	IMT COPORATION, INGERSOLL, ONTARIO CANADA	DEC 08	DEC 09	YES	

Exhibit P-5a, Procurement History and Planning					Weapon System			Date:			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition					P-1 Line Item Nomenclature: (147300) ARTILLERY, ALL TYPES						
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available	
D550, PROJ, 155MM, M110A2, SMOKE WP LOAD, ASSEMBLE & PACK (LAP)											
FY 2008	5,990	315.64	JMC, ROCK ISLAND, IL	UNKNOWN	SS/FP	PINE BLUFF ARSENAL, PINE BLUFF, AR	MAR 08	JUL 09	YES		
*TNT TYPE I FLAKE(LB)											
FY 2008	1,281	2.43	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	TO BE DETERMINED (TBD)	MAR 08	DEC 08	YES		
*UNIVERSAL LIFTING PLUG(EA)											
FY 2008	6,170	8.02	JMC, ROCK ISLAND, IL	UNKNOWN	N/A/N/A	CORONET MACHI CORP, YONKERS, NY	MAR 08	JUL 08	NO		
CASING BSTR(EA)											
FY 2008	6,110	63.44	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	TO BE DETERMINED (TBD)	MAR 08	DEC 08	YES		
CHG BSTR M54A1 ASSY(EA)											
FY 2008	6,170	31.59	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	TO BE DETERMINED (TBD)	MAR 08	MAR 09	YES		
CYCLOTOL 75/25 TYPE 1											
FY 2008	11,022	7.93	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	TO BE DETERMINED (TBD)	ARP 08	JUL 08	YES		
GROMMET(EA)											
FY 2008	6,170	1.95	JMC, ROCK ISLAND, IL	UNKNOWN	SS/FP	LC INDUSTRIES HAZELHURST, MS	APR 08	AUG 08	YES		
PROJ 155MM WP M110A2 MPTS(EA)											
FY 2008	6,110	304.57	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	TO BE DETERMINED (TBD)	MAR 08	DEC 08	YES		
DA12, CHG, 155MM, M231, MOD ARTY CHG SYS LOAD, ASSEMBLE & PACK (LAP)											
FY 2009	325,013	17.51	ARDEC, PICATINNY, NJ	UNKNOWN	SS/OP	TO BE DETERMINED (TBD)	MAR 09	SEP 09	NO		
BLACK POWDER, M231											
FY 2009	20,313	14.69	JMC, ROCK ISLAND, IL	UNKNOWN	SS/OP	GOEX INC, DAYLINE, LA,	MAR 09	AUG 09	NO		
COMBUSTIBLE CASE SETS											
FY 2009	334,763	30.90	ARDEC, PICATINNY, NJ	UNKNOWN	CM/OP	TO BE DETERMINED (TBD)	MAR 09	AUG 09	NO		
IGNITION SYSTEM PROPELLANT											
FY 2009	20,923	8.97	ARDEC, PICATINNY, NJ	UNKNOWN	SS/OP	GD ST MARKS POWDER, ST MARKS, FL	MAR 09	AUG 09	NO		
LAP CONTAINERS											
FY 2009	83,691	51.50	ARDEC, PICATINNY, NJ	UNKNOWN	SS/OP	TO BE DETERMINED (TBD)	MAR 09	AUG 09	NO		
PROPELLANT, SINGLE BASE, M231											
FY 2009	1,137,546	4.79	ARDEC, PICATINNY, NJ	UNKNOWN	SS/OP	TO BE DETERMINED (TBD)	MAR 09	AUG 09	NO		

Exhibit P-21, Production Schedule															Date: FEBRUARY 2008															
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition										Weapon System					P-1 Line Item Nomenclature: (147300) DODIC: D505, PROJ, 155MM, M485A2, ILLUM															
Item	Manufacturer's Name and Location					PRODUCTION RATE			PROCUREMENT LEADTIMES							Total	Unit of Measure													
						MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT																		
D505	1 PINE BLUFF ARSENAL, PINE BLUFF, AR					2	4	10	6	6	18	18	24	K																
Fiscal Year 2007															Fiscal Year 2008															
Calendar Year 2007															Calendar Year 2008															
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B A L
D505	2007	MC1	26.00	0.00	26.00			A																						26.00
	2008	MC1	7.00	0.00	7.00																A									7.00
	2009	MC1	5.00	0.00	5.00																									5.00
Fiscal Year 2009															Fiscal Year 2010															
Calendar Year 2009															Calendar Year 2010															
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B A L
D505	2007	MC1	26.00	0.00	26.00	2.00	2.00	2.00	4.00	4.00	4.00	4.00																		0.00
	2008	MC1	7.00	0.00	7.00									2.00	2.00	2.00	1.00													0.00
	2009	MC1	5.00	0.00	5.00				A																	2.00	2.00	1.00		0.00

REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.

Exhibit P-21, Production Schedule										Date: FEBRUARY 2008																				
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition										Weapon System		P-1 Line Item Nomenclature: (147300) DODIC: D529, PROJ, 155MM, M795, HE EX RANGE																		
		PRODUCTION RATE					PROCUREMENT LEADTIMES																							
Item	Manufacturer's Name and Location					MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																
D529	1 TO BE DETERMINED					5	10	20	6	6	18	18	24	K																
	2 DAY & ZIMMERMAN, PARSONS, KS					5	10	20	6	6	18	18	24	K																
Fiscal Year 2007										Fiscal Year 2008																				
Calendar Year 2007										Calendar Year 2008																				
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B A L
D529	2007	MC2	40.60	0.00	40.60							A																		40.60
	2008	MC1	92.80	0.00	92.80																		A							92.80
	2009	MC1	68.70	0.00	68.70																									68.70
Fiscal Year 2009										Fiscal Year 2010																				
Calendar Year 2009										Calendar Year 2010																				
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B A L
D529	2007	MC2	40.60	0.00	40.60								10.00	10.00	10.00	10.60														0.00
	2008	MC1	92.80	0.00	92.80																			10.00	10.00	10.00	10.00	10.00	10.00	32.80
	2009	MC1	68.70	0.00	68.70								A																	68.70
REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.																														

Exhibit P-21, Production Schedule											Date: FEBRUARY 2008																			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition										Weapon System		P-1 Line Item Nomenclature: (147300) DODIC: D529, PROJ, 155MM, M795, HE EX RANGE																		
Item	Manufacturer's Name and Location					PRODUCTION RATE			PROCUREMENT LEADTIMES																					
						MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure																
D529	1 TO BE DETERMINED					0.7	8	28	6	6	18	18	24	K																
	2 DAY & ZIMMERMAN, PARSONS, KS					0.7	8	28	6	6	18	18	24	K																
Fiscal Year 2011											Fiscal Year 2012																			
Calendar Year 2011											Calendar Year 2012																			
Item	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B
	Y	V	T	E	A	C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	U	U	U	E	A
D529	2007	MC2	40.60	40.60	0.00																									0.00
	2008	MC1	92.80	60.00	32.80	10.00	10.00	10.00	2.80																					0.00
	2009	MC1	68.70	0.00	68.70						10.00	10.00	10.00	10.00	10.00	8.70														0.00
Fiscal Year 2013											Fiscal Year 2014																			
Calendar Year 2013											Calendar Year 2014																			
Item	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B
	Y	V	T	E	A	C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	U	U	U	E	A
D529																														

REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.

Exhibit P-21, Production Schedule															Date: FEBRUARY 2008																
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition										Weapon System					P-1 Line Item Nomenclature: (147300) DODIC: DA13, CHG, 155MM, M232, MOD ARTY CHG SYS																
Item	Manufacturer's Name and Location					PRODUCTION RATE					PROCUREMENT LEADTIMES					Total	Unit of Measure														
						MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT																			
DA13	1 TO BE DETERMINED					0	0	0	6	5	22	22	27	M																	
Fiscal Year 2011															Fiscal Year 2012																
Calendar Year 2011															Calendar Year 2012																
Item	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B	
	Y	V	T	E	A	C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	U	U	U	E	A	
DA13	2008	MC1	205.00	198.00	7.00	7.00																								0.00	
	2009	MC1	306.00	0.00	306.00				22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00	36.00	36.00	36.00										0.00	
Fiscal Year 2013															Fiscal Year 2014																
Calendar Year 2013															Calendar Year 2014																
Item	F	S	Q	D	B	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B	
	Y	V	T	E	A	C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	P	A	U	U	U	E	A	
REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.																															

Exhibit P-21, Production Schedule													Date: FEBRUARY 2008																			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition										Weapon System			P-1 Line Item Nomenclature: (147300) DODIC: DA39, PROJ, 155MM, EXTENDED RANGE, XM982 EXCALIBUR																			
		PRODUCTION RATE											PROCUREMENT LEADTIMES																			
Item	Manufacturer's Name and Location											MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure												
DA39	1 RAYTHEON, TUCSON, AZ											25	100	120	7	2	9	11	16	E												
Fiscal Year 2007													Fiscal Year 2008																			
Calendar Year 2007													Calendar Year 2008																			
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B O C		
DA39	2008	MC1	152.00	0.00	152.00																	A								152.00		
Fiscal Year 2009													Fiscal Year 2010																			
Calendar Year 2009													Calendar Year 2010																			
Item	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B O C		
DA39	2008	MC1	152.00	0.00	152.00			19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00															0.00		
REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.																																

Exhibit P-40, Budget Item Justification	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (147500) EXPEDITIONARY FIGHTING VEHICLE
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Program Element for Code B Items:	Other Related Program Elements
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	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Proc Qty										
Gross Cost	A	0.000	0.004	0.000	0.000	0.000	7.334	17.857		25.195

DODIC AA89 (Formerly interim DODIC "B002"), The High Explosive - Tracer (HE-T) is the Expeditionary Fighting Vehicles (EFV's) main round. The HE is a full-bore hardened nose steel projectile filled with an explosive main charge with a mechanical base fuze. This round combines the strengths of a standard High Explosive round against the EFV's prime target (infantry) with the ability to penetrate soft to medium armor targets like light armored vehicles and fortified emplacements which are too "soft" for the Armor Piercing Fin Stabilized Discarding Sabot - Traced (APFSDS-T) round or where an explosive effect is required. When fired against soft targets, the HE produces many, relatively small fragments producing lethality levels equal to a standard 30mm high explosive round. The combination of the hardened nose and a base fuze functioning with a slight delay, allows the HE to penetrate inside hardened targets.

DODIC AA90 (Formerly DODIC "B001"), the Target Practice - Tracer (TP-T) provides a low cost round to train and sustain Expeditionary Fighting Vehicle (EFV) crews in perishable gunnery skills. The TP-T round has an inert full-bore projectile which allows it to be fired at ranges and facilities without the concern of unexploded ordnance associated with High Explosive ammunition, nor the distance of flight issues associated with Armor Piercing Fin Stabilized Discarding Sabot-Tracer round (APFSDS-T).

DODIC B003 (Interim DODIC): The kinetic energy Armor Piercing Fin Stabilized Discarding Sabot - Tracer (APFSDS-T) round will be utilized by the Expeditionary Fighting Vehicle (EFV) to defeat extremely "hard" targets such as infantry fighting vehicles. The APFSDS-T round utilizes a long rod type of penetrator, which provides a highly effective means of deep penetration into materials such as metals (steel, RHA, etc.), concrete, ceramic, and other highly resistant target materials. Unlike most APFSDS-T rods which are made of Depleted Uranium (DU), these rods are fabricated from a hardened tungsten alloy, a high density "heavy metal" which produces significant penetration capabilities without the associated concerns of DU.

Exhibit P-40, Budget Item Justification	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (150000) DEMOLITION MUNITIONS, ALL TYPES
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Program Element for Code B Items:	Other Related Program Elements
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	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program	
Proc Qty											
Gross Cost	A	13.323	12.283	18.974	15.125	25.950	27.680	25.475		138.810	

1. Received \$8.373M in FY07 GWOT.
2. Received \$3.539M in FY08 from the 2008 Consolidated Appropriation Act, Division L.
3. FY08 funding totals do not include \$3.538M previously requested for current FY08 GWOT requirements.

The Charge, Demolition Cratering 40-Pound (DODIC M039) is an alternate to the standard ammonium nitrate cratering charge for the destruction of buildings, structures, and fortifications. The charge is composed of approximately 40-pound of H-6 explosive and a .43-pound A-5 composition booster. H-6 explosive is a highly brisant explosive derived from the HBX family. A semicircular handle is also located on the top of the container for handling the charge or for attaching a line when lowering the charge in a hole.

The Cap, Blasting Non-Electric Inert (DODIC M097) is used in training personnel in the correct procedures for safe handling of non-electric blasting caps. The DODIC M097 is approximately 2.3 inches long and .23 inches in diameter. There are two holes drilled through the cap to signify that the cap is inert. A fuse cavity is located in one end of the blasting cap to receive a time safety fuse. The cap is painted black.

The Cap, Blasting Electric Inert (DODIC M098) is used in training personnel in the correct procedures for safe handling of electric blasting caps. The blasting cap is approximately 2.3 inches long and .23-inches in diameter. There are two lead wires approximately 12 feet in length. There are two holes drilled through the cap to signify that the cap is inert. The cap is painted black.

The Cap, Blasting Non-Electric M7 (DODIC M131) is used to detonate high explosives and is initiated by time-blasting fuse. The M7 Blasting Cap consists of an aluminum alloy tube containing a base charge of RDX or PETN, a priming charge, and an ignition charge.

The Cartridge, Impulse .50 Caliber (DODIC M174) is intended for use in Explosive Ordnance Disposal (EOD) tools and equipment. This cartridge is an electrically initiated gas producing device consisting of a MK1 Mod 2 electric squib containing diazodinitrophenol, potassium chlorate and black powder, and a main charge containing M-10 Single Base Propellant, black powder, and Type 1 Class 1 propellant.

The Charge, Demolition Shaped M3 Series 40-Pound (DODIC M421) is used for penetrating metal, concrete, earth or other materials. This charge consists of approximately 30 lbs. of 50/50 pentolite or 28.3 lbs. of Composition B with a 1.7 lbs. 50/50-pentolite booster. The explosive charge is enclosed in a sheet steel container with a metal cavity liner and a detachable standoff frame assembly. The standoff frame assembly has three legs and is about 15 inches tall.

The Container, Demolition Charge MK7 Mod 7 (DODIC M483) is used as a form or mold in which plastic explosive can be pressed into a linear charge. The container consists of a mild steel body approximately 6.00 inches long and .75 inches wide. The container has a V-shaped cavity to mold the explosive linear charge. The charge is designed to snap together with other MK7 Mod 7 containers to form a charge of the required length.

Exhibit P-40, Budget Item Justification	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (150000) DEMOLITION MUNITIONS, ALL TYPES
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Program Element for Code B Items:	Other Related Program Elements
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	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Proc Qty										
Gross Cost	A	13.323	12.283	18.974	15.125	25.950	27.680	25.475		138.810

The Charge, Assembly Demolition M183 Comp C-4 (DODIC M757) is used by assault demolition teams in general demolition operations such as reduction of small obstacles, cutting, breaching, and cratering. The M183 Charge Assembly consists of 16 M112 Demolition Blocks and 4 M15 Priming Assemblies. Each M112 block is composed of 1-1/4 pounds of Composition C-4. The M15 Priming Assembly is a 5-foot length of detonating cord with two plastic M1 Clips and 2 RDX boosters attached. The boosters, which are about ¼" in diameter and 2-inches in length contain approximately 13.5 grains of RDX.

The Charge, Demolition Explosive sheet, 9ft (DODIC M986) is used in general demolition as a cutting or breaching charge. M986 permits pinpoint metal cutting with minimum explosive loading. The sheet can be cut to provide the length of charge needed.

The Cutter, High Explosive MK23 Mod 0 (DODIC ML04) is used for cutting or disrupting techniques against ordnance items. The charge consists of a plastic case, stand, and a metal sight. The main charge is 70/30 octol. The charge can be set up for electrical or non-electrical initiation using standard blasting caps.

The Cutter, High Explosive MK24 Mod 0 (DODIC ML05) is used for cutting or disrupting techniques against ordnance items. The charge consists of a plastic case, stand, and a metal sight. The main charge is 70/30 octol. The charge can be set up for electrical or non-electrical initiation using standard blasting caps.

The Charge, Demolition Flexible 20 Gram Pentaerythritol Tetranitrate (PETN) MK140 Mod 0 (DODIC MM30) is intended to be used as an individual charge, or can be used as a booster for other charges. The charge can be used in all applications where demolitions are required.

The Charge, Demolition Flexible Linear Shaped 30 Grains Per Foot (DODIC MM41) is designed for fast and reliable cutting of materials. The DODIC MM41 will cut steel up to 0.06-inches thick or aluminum up to 0.11-inches thick. MM41 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.

Exhibit P-40, Budget Item Justification							Date: FEBRUARY 2008				
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				P-1 Item Nomenclature: (150000) DEMOLITION MUNITIONS, ALL TYPES							
Program Element for Code B Items:				Other Related Program Elements							
	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program	
Proc Qty											
Gross Cost	A	13.323	12.283	18.974	15.125	25.950	27.680	25.475		138.810	
<p>The Charge, Demolition Flexible Linear Shaped 40 Grains Per Foot (DODIC MM42) is designed for fast and reliable cutting of materials. The DODIC MM42 will cut steel up to 0.05 inches thick, or aluminum up to 0.14 inches thick. MM42 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.</p> <p>The Charge, Demolition Flexible Linear Shaped 75 Grains Per Foot (DODIC MM44) is designed for fast and reliable cutting of materials. The DODIC MM44 will cut steel up to 0.10-inches thick or aluminum up to 0.16-inches thick. The DODIC MM44 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.</p> <p>The Charge, Demolition Flexible Linear Shaped 125 Grains Per Foot (DODIC MM45) is designed for fast and reliable cutting of materials. The DODIC MM45 will cut steel up to 0.13-inches thick, or aluminum up to 0.21-inches thick. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action. The charge contains 125 grains per foot of CH-6. The lead sheathing is blue/gray in color and is 6-feet long.</p> <p>The Charge, Demolition Flexible Linear Shaped 225 Grains Per Foot (DODIC MM46) is designed for fast and reliable cutting of materials. The DODIC MM46 will cut steel up to 0.18-inches thick, or aluminum up to 0.31-inches thick. MM46 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.</p> <p>The Charge, Demolition Flexible Linear Shaped 400 Grains Per Foot (DODIC MM47) is designed for fast and reliable cutting of materials. The DODIC MM47 will cut steel up to 0.20-inches thick or aluminum up to 0.41-inches thick. MM47 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.</p> <p>The Charge, Demolition Flexible Linear Shaped 600 Grains Per Foot (DODIC MM48) is designed for fast and reliable cutting of materials. The DODIC MM48 will cut steel up to 0.27-inches thick or aluminum up to 0.46-inches thick. MM48 is a continuous explosive core of CH-6 enclosed in a seamless lead sheath. The charge is shaped in the form of an inverted "V" to concentrate an explosive force in a linear cutting action.</p> <p>The Charge, Demolition Low Hazard MK143 Mod 0 600 Grains Per Foot (DODIC MM51) is a continuous explosive core of plastic bonded explosive with a flexible copper-polymer liner. The charge is encased in lightweight olive drab polyethylene foam. The underside of the charge has an adhesive backed tape that adheres to most dry surfaces. This charge contains 600 grains per foot of a commercial plastic bonded explosive.</p> <p>The Charge, Demolition Low Hazard MK144 Mod 0 1200 Grains Per Foot (DODIC MM52) is a continuous explosive core of plastic bonded explosive with a flexible copper-polymer liner. The charge is encased in lightweight olive drab polyethylene foam. The underside of the charge has an adhesive backed tape that adheres to most dry surfaces. This charge contains 1200 grains per foot of a commercial plastic bonded explosive.</p> <p>The Charge, Demolition Low Hazard Mk145 Mod 0 2400 Grains Per Foot (DODIC MM53) is a continuous explosive core of plastic-bonded explosive with a flexible copper-polymer liner. The charge is encased in lightweight olive drab polyethylene foam. The underside of the charge has an adhesive backed tape that adheres to most dry surfaces. This charge contains 2400 grains per foot of a commercial plastic bonded explosive.</p>											

Exhibit P-40, Budget Item Justification								Date: FEBRUARY 2008			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition						P-1 Item Nomenclature: (150000) DEMOLITION MUNITIONS, ALL TYPES					
Program Element for Code B Items:				Other Related Program Elements							
	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program	
Proc Qty											
Gross Cost	A	13.323	12.283	18.974	15.125	25.950	27.680	25.475		138.810	
<p>The Charge, Demolition Low Hazard Mk149 Mod 0 5400 Grains Per Foot (DODIC MM54) is a continuous explosive core of plastic bonded explosive with a flexible copper-polymer liner. The charge is encased in lightweight olive drab polyethylene foam. The underside of the charge has an adhesive backed tape that adheres to most dry surfaces. This charge contains 5400 grains per foot of a commercial plastic bonded explosive.</p> <p>The Canine Explosive Scent Kit (DODIC MN01) is composed of different samples of common explosives used to train dogs to detect explosives. The samples are packaged in individual containers. The types of explosives can vary based on the type of training being conducted. These samples may be of dynamite, time-safety fuze, C4, TNT, detonating cord, smokeless powder, and water gel explosive.</p> <p>The M81 with Shock Tube Capability (DODIC MN08) is a small plastic tube with a pull ring on a thin rod projecting from one end, a safety (cotter) pin that goes laterally through the tube and a screw cap that secures a holding mechanism for the fuze or shock tube on the other end.</p> <p>The Firing Device, Handheld (Inert) MK 54 MOD 0 (DODIC MN14) consists of two stainless steel cylindrical assemblies connected by a trigger mechanism. A secondary safety pin is inserted through the assemblies.</p> <p>The Detonator, Non-Electric MK154 (DODIC MN52) is used in place of the M7 Non-Electric Blasting Cap or the M6 Electric Blasting Cap. It is used where a non-electric waterproof application is desired.</p> <p>The Booster, Demolition Charge, M152, (DODIC MN69) begin with five grain per foot PETN detonating cord that is figure-eight coiled and integrated to a booster charge containing 13.5 grains of PETN. The assemblies have J-hooks for fast, secure, and reliable connection to detonating cords. Initiation of assemblies is delivered from detonating cord or blasting caps.</p> <p>The M21 (DODIC MN88) consists of a 500 foot length of minitube with an M42C1 in-line primer built into one end of the minitube and a non-electric, non-delay blasting cap attached to the other end. The minitube is a plastic conduit with a thin layer of special explosive material deposited on its interior surface. The firing assembly of the M81 igniter is attached to each in-line primer. The M9 holder attached to the cap is used as a cap protector and for connection to other detonator assemblies.</p> <p>Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP.</p>											

Exhibit P-40a, Budget Item Justification for Aggregated Items								Date: FEBRUARY 2008		
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				P-1 Item Nomenclature: (150000) DEMOLITION MUNITIONS, ALL TYPES						
	ID Code	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	To Complete	Total
M174, CTG, IMPULSE CAL .50 ELECTRIC	A	0.000	0.000	0.556						
QTY		0	0	32,997						
M483, EOD DEVICE, MK 7 MOD 7	A	0.000	0.000	0.200						
QTY		0	0	6,224						
ML04, CUTTER POWDER ACTUATED MK23	A	0.000	0.000	0.500						
QTY		0	0	2,805						
ML05, CUTTER POWDER ACTUATED MK24	A	0.000	0.000	0.500						
QTY		0	0	2,667						
MM30, CHARGE, FLEXIBLE 20 GRAM	A	0.000	0.000	0.422						
QTY		0	0	164,202						
MM41, CHARGE, DEMO FLSC 30 GR/FT	A	0.000	0.000	0.226						
QTY		0	0	5,351						
MM42, CHARGE, DEMO FLSC 40 GR/FT	A	0.000	0.000	0.464						
QTY		0	0	9,184						
MM44, CHARGE, DEMO FLSC 75 GR/FT	A	0.000	0.000	1.617						
QTY		0	0	35,452						
MM45, CHARGE, DEMO FLSC 125 GR/FT	A	0.000	0.000	0.300						
QTY		0	0	6,387						
Subtotal		0.000	0.000	4.785						

Exhibit P-40a, Budget Item Justification for Aggregated Items	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (150000) DEMOLITION MUNITIONS, ALL TYPES
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	ID Code	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	To Complete	Total
MM46, CHARGE, DEMO FLSC 225 GR/FT	A	0.033	0.000	0.422						
QTY		0	0	5,340						
MM47, CHARGE, DEMO FLSC 400 GR/FT	A	0.000	0.000	0.348						
QTY		0	0	6,895						
MM48, CHARGE, DEMO FLSC 600 GR/FT	A	0.000	0.000	0.350						
QTY		0	0	6,662						
MM51, CHARGE, DEMO FLSC 600 GR/FT	A	0.000	0.000	0.300						
QTY		0	0	15,881						
MM52, CHARGE, DEMO FLSC 1200 GR/FT	A	0.000	0.000	0.400						
QTY		0	0	9,689						
MM53, CHARGE, DEMO FLSC 2400 GR/FT	A	0.000	0.000	0.526						
QTY		0	0	14,128						
MM54, CHARGE, DEMO FLSC 5400 GR/FT	A	0.000	0.000	0.200						
QTY		0	0	3,299						
MN01, SCENT KIT EXPL DETECT DOG	A	0.060	0.033	0.042						
QTY		60	33	42						
MN14, DUAL FIRING DEVICE MK54	A	0.000	0.000	0.212						
QTY		0	0	565						
MN69, BOOSTER, DEMO CHARGE	A	0.000	0.000	0.400						
QTY		0	0	3,960						
Subtotal		0.093	0.033	3.200						
Grand Total		0.093	0.033	7.985						

Exhibit P-5, Cost Analysis			Weapon System			Date: FEBRUARY 2008						
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition			ID Code: A	P-1 Line Item Nomenclature: (150000) DEMOLITION MUNITIONS, ALL TYPES								
WBS COST ELEMENTS	FY07			FY08			FY09			Total Cost	Qty	Unit Cost
	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost			
HARDWARE												
M039, CHARGE, DEMO 40 LB CRATERING												
LOAD, ASSEMBLE & PACK (LAP)	1.553	4,512	344.30	1.323	2,908	455.00	6.103	11,781	518.05			
* COMP D-2 (LB)	0.150	10,378	14.44	0.138	6,689	20.69	0.516	27,097	19.03			
*COMP B TYPE I GRADE A(LB)	0.436	163,290	2.67	0.260	105,241	2.47	1.014	439,146	2.31			
ALUMINUM POWDER (LB)	0.100	47,914	2.09	0.061	29,982	2.05	0.244	121,463	2.01			
M097, CAP, BLASTING NON-ELECT INERT												
COMPLETE ROUND							0.083	10,372	8.01			
M098, CAP, BLASTING NON-ELECT INERT												
COMPLETE ROUND							0.100	10,336	9.63			
M131, CAP, BLASTING NON-ELECTRIC												
COMPLETE ROUND	1.962	503,240	3.90									
M421, CHARGE, DEMO SHAPED 40 LB												
LOAD, ASSEMBLE & PACK (LAP)							0.700	892	784.75			
*COMP B TYPE I GRADE A(LB)							0.064	27,696	2.31			
COMP A-3 (LB)							0.004	104	38.46			
M757, CHARGE, ASSEMBLY DEMOLITION												
LOAD, ASSEMBLE & PACK (LAP)	0.902	2,383	378.50									
COMP C-4 CLASS 3(LB)	0.802	94,956	8.45									
*UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS												
SUB TOTAL	5.905			1.782			8.828					

Exhibit P-5, Cost Analysis			Weapon System			Date: FEBRUARY 2008						
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition			ID Code: A	P-1 Line Item Nomenclature: (150000) DEMOLITION MUNITIONS, ALL TYPES								
WBS COST ELEMENTS	FY07			FY08			FY09			Total Cost	Qty	Unit Cost
	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost			
HARDWARE												
M986, CHG, DEMO EXPLOSIVE SHEET 9FT												
COMPLETE ROUND							0.384	5,248	73.08			
MN08, IGNITER, TIME FUZE BLASTING												
LOAD, ASSEMBLE & PACK (LAP)	3.302	638,750	5.60									
MN52, DETONATOR, NON-ELECTRIC MK154												
DETONATOR, WITH SHOCK TUBE	3.801	49,066	77.47	8.152	95,917	85.00	1.057	12,125	87.16			
MN88, CAP BLASTING, NON-ELECT, M21 500FT												
COMPLETE ROUND				2.480	2,339,622	1.06						
PRODUCT												
ACCEPTANCE TESTING							0.054					
PRODUCTION ENGINEERING	1.526			0.089			1.722					
QUALITY ASSURANCE	0.058			0.003			0.018					
NONRECURRING												
CONTINGENCY	0.013											
GOVERNMENT FURNISHED MATERIAL	-1.387			-0.260			-1.078					
PC&H	0.012			0.004			0.004					
*UNIT COST PROVIDED BY ARMY ROUNDED TO NEAREST TWO DIGITS												
SUB TOTAL	7.325			10.468			2.161					
TOTAL	13.230			12.250			10.989					

Exhibit P-5a, Procurement History and Planning				Weapon System			Date: FEBRUARY 2008			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				P-1 Line Item Nomenclature: (150000) DEMOLITION MUNITIONS, ALL TYPES						
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
M039, CHARGE, DEMO 40 LB CRATERING LOAD, ASSEMBLE & PACK (LAP)										
FY 2007	4,512	344.30	JMC, ROCK ISLAND, IL	UNKNOWN	SS/FP	AMERICAN ORDNANCE, MIDDLETON, IA	MAR 07	JAN 08	YES	
FY 2008	2,908	455.00	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	TBD	OCT 08	MAY 10	YES	
FY 2009	11,781	518.05	JMC, ROCK ISLAND, IL	UNKNOWN	C/OPTION	TBD	MAR 09	OCT 10	YES	
* COMP D-2 (LB)										
FY 2007	10,378	14.44	JMC, ROCK ISLAND, IL	UNKNOWN	N/A	STOCK ISSUE	N/A	N/A	YES	
FY 2008	6,689	20.69	JMC, ROCK ISLAND, IL	UNKNOWN	N/A	STOCK ISSUE	N/A	N/A	YES	
FY 2009	27,097	19.03	JMC, ROCK ISLAND, IL	UNKNOWN	C/OPTION	TBD	MAR 09	MAR 10	YES	
*COMP B TYPE I GRADE A (LB)										
FY 2007	163,290	2.67	JMC, ROCK ISLAND, IL	UNKNOWN	N/A	STOCK ISSUE	N/A	N/A	YES	
FY 2008	105,241	2.47	JMC, ROCK ISLAND, IL	UNKNOWN	N/A	STOCK ISSUE	N/A	N/A	YES	
FY 2009	439,146	2.31	JMC, ROCK ISLAND, IL	UNKNOWN	N/A	STOCK ISSUE	N/A	N/A	YES	
ALUMINUM POWDER (LB)										
FY 2007	47,914	2.09	JMC, ROCK ISLAND, IL	UNKNOWN	C/OPTION	AMPAL INC PALMERTON, PA	APR 07	AUG 07	YES	
FY 2008	29,982	2.05	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	TBD	MAY 08	SEP 08	YES	
FY 2009	121,463	2.01	JMC, ROCK ISLAND, IL	UNKNOWN	C/OPTION	TBD	MAR 09	JUL 09	YES	
M097, CAP BLASTING, NON ELECT INERT COMPLETE ROUND										
FY 2009	10,372	8.01	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	TBD	MAY 08	MAY 09	YES	
M098, CAP BLASTING ELECT INERT COMPLETE ROUND										
FY 2009	10,336	9.63	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	TBD	MAY 09	MAY 10	YES	
M131, CAP, BLASTING NON-ELECTRIC COMPLETE ROUND										
FY 2007	503,240	3.90	JMC, ROCK ISLAND, IL	UNKNOWN	C/OPTION	TECHNICAL ORDNANCE, ST BONIFACIUS, MN	DEC 06	AUG 07	YES	
M421, CHG, DEMO SHAPED 40LB LOAD, ASSEMBLE & PACK (LAP)										
FY 2009	892	784.75	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	TBD	MAY 09	NOV 09	YES	
*COMP B TYPE I GRADE A (LB)										
FY 2009	27,696	2.31	JMC, ROCK ISLAND, IL	UNKNOWN	N/A	STOCK ISSUE	MAY 09	NOV 09	YES	
COMP A-3 (LB)										
FY 2009	104	38.46	JMC, ROCK ISLAND, IL	UNKNOWN	C/FP	TBD	MAY 09	NOV 09	YES	

Exhibit P-21, Production Schedule	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	Weapon System	P-1 Line Item Nomenclature: (150000) DODIC: M039, CHARGE, DEMO 40 LB CRATERING
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Item	Manufacturer's Name and Location	PRODUCTION RATE			PROCUREMENT LEADTIMES						Unit of Measure
		MSR	1-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total		
M039	1 AMERICAN ORDNANCE, MIDDLETON, IA	1	1	3	6	5	10	10	15	K	
	2 TO BE DETERMINED (TBD)	1	1	3	6	7	18	18	25	K	

Item	Fiscal Year 2006												Fiscal Year 2007																		
	Calendar Year 2006												Calendar Year 2007																		
	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B O C T	
M039	2007	MC1	4.00	0.00	4.00																										4.00
	2008	MC2	3.00	0.00	3.00																										3.00
	2009	MC2	12.00	0.00	12.00																										12.00

Item	Fiscal Year 2008												Fiscal Year 2009																		
	Calendar Year 2008												Calendar Year 2009																		
	F Y	S V C	Q T Y	D E L	B A L	O C T	N O V	D E C	J A N	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	B O C T	
M039	2007	MC1	4.00	0.00	4.00																									0.00	
	2008	MC2	3.00	0.00	3.00																										3.00
	2009	MC2	12.00	0.00	12.00																										12.00

REMARKS: THIS DOES NOT REFLECT THE ARMY'S BUYS WHICH MAKE UP THE CONTRACTOR'S 1-8-5 PRODUCTION RATES.

Exhibit P-40, Budget Item Justification	Date: February 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (162500) FUZES, ALL TYPES
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Program Element for Code B Items:	Other Related Program Elements
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	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Proc Qty										
Gross Cost	A	2.340	5.142	3.460	0.586	10.423	9.531	19.489		50.971

Description: The Fuze, Point Detonating (PD) M739/M739A1 (DODIC N340) is the latest improved version of the selective impact fuzes for use with bulk loaded high explosive or burster type projectiles. This fuze is fired from the M198 155mm Medium Towed Howitzer and the M777 Lightweight Towed Howitzer Weapon System. The fuze body is a one-piece design of solid aluminum and has a standard 2-inch threaded base to match the nose and fuze cavity of standard artillery projectiles.

Fuze Electronic Time (DODIC NA17) is used with projectiles carrying payloads that are expelled during projectile flight (airburst). This fuze is fired from the M198 155mm Medium Towed Howitzer and the M777 Lightweight Towed Howitzer Weapon System. It has the capability to be set inductively or manually.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

1. Received \$1.797M in FY07 GWOT.
2. Received \$0.880M in FY08 from the 2008 Consolidated Appropriation Act, Division L.
3. FY08 funding totals do not include \$0.881M previously requested for current FY08 GWOT requirements.

Exhibit P-5, Cost Analysis			Weapon System			Date:						
Appropriation Code/Budget Activity/Serial Number:			ID Code:	P-1 Line Item Nomenclature:								
Procurement of Ammunition, Navy and Marine Corps/2/Ammunition			A	(162500) FUZES, ALL TYPES								
WBS COST ELEMENTS	FY07			FY08			FY09					
	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost			
HARDWARE												
N340, FUZE, PD M739												
COMPLETE ROUND	0.661	10,160	65.06	1.450	20,726	70.00	0.470	6,493	72.45			
M2A1 AMMO CAN*				0.032	2,591	12.35	0.010	812	12.53			
NA17, FUZE ELECTRONIC TIME M762A1												
FUZE ET M762A1	1.348	12,719	106.00	2.653	14,707	180.42	2.249	12,046	186.74			
M2A1 AMMO CAN*	0.019	1,590	12.21	0.022	1,838	12.44	0.019	1,506	12.68			
PRODUCT												
ACCEPTANCE TESTING	0.075			0.418			0.234					
PRODUCTION ENGINEERING	0.256			0.621			0.507					
QUALITY ASSURANCE												
NON-RECURRING COSTS												
*GOVERNMENT FURNISHED MATERIAL	-0.019			-0.054			-0.029					
TOTAL	2.340			5.142			3.460					

Exhibit P-40, Budget Item Justification	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (162800) NON-LETHALS
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Program Element for Code B Items:	Other Related Program Elements
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	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Proc Qty										
Gross Cost	A	10.024	9.960	2.158	3.077	2.018	1.966	1.984		31.187

Description: The Cartridge, 12 Gauge Non-Lethal Bean Bag (DODIC AA29) is intended for use in crowd control situations where the use of non-lethal force is desired. This cartridge is used with the M500, M590, and M870 12 gauge auto-loading and pump action shotguns. The plastic sleeve contains a lead shot-filled fabric or nylon bag.

The Cartridge, 12 Gauge Rubber Fin Stabilized Non-Lethal (DODIC AA31) ammunition is intended for use in crowd control situations where the use of non-lethal force is desired. This cartridge is used with the M500, M590, and M870 12-gauge, auto loading, and pump-action shotguns. The transparent plastic sleeve contains a rubber, fin stabilized projectile.

The Cartridge, 40mm Foam Rubber Baton Non-Lethal (DODIC BA07) is intended for use in scenarios where the use of lethal incapacitating force is not warranted. The cartridge is used in M203 Grenade Launchers. The projectile consists of three foam rubber batons in an aluminum case.

The Cartridge, 40mm Rubber Ball Non-Lethal (DODIC BA08) is intended for use in scenarios where the use of lethal incapacitating force is not warranted. The cartridge is used in the M203 Grenade Launcher. The cartridge contains 22 each .60 caliber rubber balls in an aluminum cartridge case. The rubber balls have a nominal velocity of 325 feet/second at a distance of 3 feet from the muzzle of the M203 Grenade Launcher.

The L96E1 66mm anti riot CS (ortho-chlorobenzalmalonitrile) grenade (DODIC FZ14) is used in the Light Vehicle Obscurant Smoke System (LVOSS). It is comprised of 23 individual canisters remotely fired from the vehicle interior.

The L97E1 66mm anti riot cinammic acid grenade (DODIC FZ15) is used in training on the Light Vehicle Obscurant Smoke System (LVOSS). It is comprised of 23 individual canisters remotely fired from the vehicle interior.

The M98 distraction grenade (DODIC FZ16) uses a pyrotechnic charge for crowd control through audio and visual stimuli. The M98 is used with the Light Vehicle Obscurant Smoke System (LVOSS).

The M99 Blunt Trauma Grenade (DODIC FZ17) uses a pyrotechnic charge to discharge 32 rubber balls and achieve crowd control through physical stimuli. The M99 is used with the Light Vehicle Obscurant Smoke System (LVOSS).

The Fuze, Hand Grenade M201A1/M201A1-1 (DODIC G874) is a pyrotechnic delay-igniting fuze. The body contains a primer, first-fire mixture, pyrotechnic delay column, and ignition mixture. The M201A1-1 (1330-01-456-5059) is used on the Grenade, Practice Body Non-Lethal (DODIC GG05).

The Grenade, Rubber Ball Non-Lethal (DODIC GG04) is used in crowd control situations where the use of non-lethal force is desired. The grenade body is a rubber sphere that contains a fuze well liner and is filled with a minimum of 100 rubber ball fragments.

The Grenade, Practice Body Non-Lethal (DODIC GG05) is the practice version of DODIC GG04. The grenade body is a rubber sphere that contains a fuze well liner and is filled with .50 caliber rubber pellets. The rubber ball pellets remain within the body. The grenade body was designed to be utilized with the M201A1-1 Pyrotechnic Delay-igniting Fuze (DODIC G874).

Exhibit P-40, Budget Item Justification	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (162800) NON-LETHALS
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Program Element for Code B Items:	Other Related Program Elements
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	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Proc Qty										
Gross Cost	A	10.024	9.960	2.158	3.077	2.018	1.966	1.984		31.187

Description: The Charge, Diversionary, Bottom Top Venting, BTV-1, (DODIC GG20) is a pyrotechnic device (grenade) used for diversionary purposes. The diversionary charge is a low hazard, nonshrapnel producing explosive device that produces intense flash and sound.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

Received \$6.028M in FY07 GWOT.

Received \$5.616M in FY08 from the 2008 Consolidated Appropriation Act, Division L.

FY08 funding totals do not include \$5.615M previously requested for current FY08 GWOT requirements.

Exhibit P-40a, Budget Item Justification for Aggregated Items	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (162800) NON-LETHALS
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	ID Code	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013			
AA29, CTG, 12 GA BEAN BAG, NON LETHAL	A	0.000	0.190	0.181							
QTY		0	64,625	59,933							
AA31, CTG, 12 GA RUBBER, FIN STABILIZED	A	0.000	0.190	0.196							
QTY		0	61,488	61,635							
BA07, CTG, 40MM FOAM RUBBER BATON, NON-LETHAL	A	0.000	0.860	0.000							
QTY		0	103,489	0							
BA08, CTG, 40MM RUBBER BALL, NON-LETHAL	A	0.181	0.086	0.000							
QTY		22,853	10,348	0							
G874, FUZE, GRENADE DETONATING	A	0.000	0.082	0.084							
QTY		0	22,043	21,932							
GG04, GRENADE, HAND, RUBBER BALL NON-LETHAL	A	0.000	0.504	0.735							
QTY		0	16,688	23,178							
GG05, GRENADE, HAND, PRACTICE, NON-LETHAL	A	0.000	0.075	0.077							
QTY		0	6,152	6,015							
GG20, GRENADE. HAND STUD, BTV-1 EL	A	9.587	6.744	0.675							
QTY		133,152	91,692	8,885							
TOTAL		9.768	8.731	1.948							

Exhibit P-5, Cost Analysis				Weapon System			Date: FEBRUARY 2008							
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				ID Code: A	P-1 Line Item Nomenclature: (162800) NON-LETHALS									
			FY07			FY08			FY09					
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
WBS COST ELEMENTS														
FZ14, RIOT CONTROL (CS) GRENADE L96														
LOAD, ASSEMBLE & PACK (LAP)			0.101	618	163.43	0.063	378	166.67	0.065	385	168.83			
FZ15, PRAC RIOT CONTRL (CS) GREN L97														
LOAD, ASSEMBLE & PACK (LAP)			0.119	1,169	101.80	0.108	1,039	103.95	0.114	1,078	105.75			
FZ16, DISTRACTION GREN, M98 F/LVOS														
LOAD, ASSEMBLE & PACK (LAP)						0.385	1,775	216.90						
FZ17, BLUNT TRAUMA GREN, M99 F/LVOS														
LOAD, ASSEMBLE & PACK (LAP)						0.588	2,310	254.55						
PRODUCT														
PRODUCTION ENGINEERING			0.036			0.085			0.031					
NONRECURRING														
SHIPPING														
TOTAL			0.256			1.229			0.210					

Exhibit P-5a, Procurement History and Planning				Weapon System			Date: FEBRUARY 2008			
Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition				P-1 Line Item Nomenclature: (162800) NON-LETHALS						
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
FZ14, RIOT CONTROL (CS) GRENADE L96										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2007	618	163.43	ARDEC, PICATINNY, NJ	OCT 04	SS/FFP	PW DEFENSE, DERBY, UK	MAR 07	MAR 08	YES	
FY 2008	378	166.67	ARDEC, PICATINNY, NJ	OCT 04	SS/OP	PW DEFENSE, DERBY, UK	MAR 08	MAR 09	YES	
FY 2009	385	168.83	ARDEC, PICATINNY, NJ	OCT 04	SS/OP	PW DEFENSE, DERBY, UK	MAR 09	MAR 10	YES	
FZ15, PRAC RIOT CONTRL (CS) GREN L97										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2007	1,169	101.80	ARDEC, PICATINNY, NJ	OCT 04	SS/FFP	PW DEFENSE, DERBY, UK	MAR 07	MAR 08	YES	
FY 2008	1,039	103.95	ARDEC, PICATINNY, NJ	OCT 04	SS/OP	PW DEFENSE, DERBY, UK	MAR 08	MAR 09	YES	
FY 2009	1,078	105.75	ARDEC, PICATINNY, NJ	OCT 04	SS/OP	PW DEFENSE, DERBY, UK	MAR 09	MAR 10	YES	
FZ16, DISTRACTION GREN, M98 F/L										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2008	1,775	216.90	JMC, ROCK ISLAND, IL	UNKNOWN	FP/FFP	PW DEFENSE, DRAYCOTT, UK,	MAR 08	SEP 08	YES	
FZ17, BLUNT TRAUMA GREN, M99 F/										
LOAD, ASSEMBLE & PACK (LAP)										
FY 2008	2,310	254.55	JMC, ROCK ISLAND, IL	UNKNOWN	FP/FFP	PW DEFENSE, DRAYCOTT, UK,	MAR 08	SEP 08	NO	

Exhibit P-40, Budget Item Justification	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (163000) AMMO MODERNIZATION
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Program Element for Code B Items:	Other Related Program Elements
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	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Proc Qty										
Gross Cost	A	26.373	7.828	5.644	9.002	9.168	9.191	9.550		76.756

Description: The 40MM Ammunition Modernization (AM01) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.

The Rockets Ammunition Modernization (AM02) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.

The Line charges Ammunition Modernization (AM03) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.

The Components Ammunition Modernization (AM04) consists of the procurement of components of various items/DODICs and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.

The Missiles Ammunition Modernization (AM05) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.

The Quality Evaluation Ammunition Modernization (AM06) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

Received \$15.394M in FY07 GWOT.
 Received \$2.000M in FY08 from the 2008 Consolidated Appropriation Act, Division L.
 FY08 funding totals do not include \$2.002M previously requested for current FY08 GWOT requirements.

Exhibit P-40a, Budget Item Justification for Aggregated Items	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (163000) AMMO MODERNIZATION
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	ID Code	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013			
AM01, CTG, 40MM	A	20.503	0.678	1.284	1.860	2.060	1.942	1.998			
QTY		0	0	0	0	0	0	0			
AM02, ROCKETS AMMO MOD	A	0	0.316	0.862	1.409	1.459	1.532	1.578			
QTY		0	0	0	0	0	0	0			
AM03, LINE CHARGE AMMO MOD	A	0	1.316	0.862	1.409	1.459	1.532	1.578			
QTY		0	0	0	0	0	0	0			
AM04, COMPONENTS AMMO MOD	A	3.753	1.316	0.862	1.409	1.459	1.532	1.578			
QTY		0	0	0	0	0	0	0			
AM05, MISSILE COMP AMMO MOD	A	0	2.316	0.862	1.409	1.459	1.532	1.578			
QTY		0	0	0	0	0	0	0			
AM06, QUAL EVAL AMMO MOD	A	2.117	1.886	0.912	1.506	1.272	1.121	1.240			
QTY		0	0	0	0	0	0	0			
P40A Totals		26.373	7.828	5.644	9.002	9.168	9.191	9.550			

Exhibit P-40, Budget Item Justification	Date: FEBRUARY 2008
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Appropriation Code/Budget Activity/Serial Number: Procurement of Ammunition, Navy and Marine Corps/2/Ammunition	P-1 Item Nomenclature: (166000) ITEMS LESS THAN \$5 MILLION
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Program Element for Code B Items:	Other Related Program Elements
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	ID Code	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Program
Proc Qty										
Gross Cost	A	4.705	0.000	4.495	4.453	4.321	4.199	4.239		26.412

Description: This funding (DODIC A001) supports the procurement of components used in building small arms cartridges in support of the Marine Corps Rifle Team, Quantico, Virginia.

The Cartridge, 12 Gauge Door Breaching MK246 Mod 0 (DODIC A024) is procured from commercial manufacturers for use with the M500, M590, and M870 12-gauge, auto loading, and pump action shotguns. The 12-gauge door-breaching cartridge is intended to destroy locks and fixtures on doors and automobiles with little or no collateral damage to the interior.

The Cartridge, Caliber .45 Ball M1911 (DODIC A475) is intended for use against personnel and used in the M1911/A1 Automatic Pistols.

The Cartridge, 75mm Blank M337A2 (DODIC C025) consists of a cartridge case of brass or aluminum containing loosely packed black powder and a press-fitted percussion primer. A fiberglass wad is inserted over the black powder and a polystyrene closing cup is cemented in place with a polyester resin adhesive. The M337A2 Cartridge is fired from the M116, M120, M1A1, M1A1C, and M3 Howitzer assemblies.

Funds are identified to support drug interdiction requirements (DODIC: DRUG INT).

Transportation funds (FDTC) are required to support the distribution of Marine Corps' ammunition end items from manufacturing plants assembly points. These funds directly support training and readiness requirements of Marines in the field (CONUS or OCONUS).

These funds support the Marine Security Guard Battalion (DODIC: MSGB) ammunition requirements which are procured through the U.S. State Department.

Funding changes are based on changes in the Total Munitions Requirement, the unit price of the rounds, production issues, MCCDC priorities, changes in starting inventory, the top level funding provided and programmatic issues for over 300 items across the FYDP. Each of these variables change at least once a year and result in fluctuations in the budget.

Received \$0.196M in FY07 GWOT.

Received \$0M in FY08 from the 2008 Consolidated Appropriation Act, Division L.

FY08 funding totals do not include \$0.001M previously requested for current FY08 GWOT requirements.

