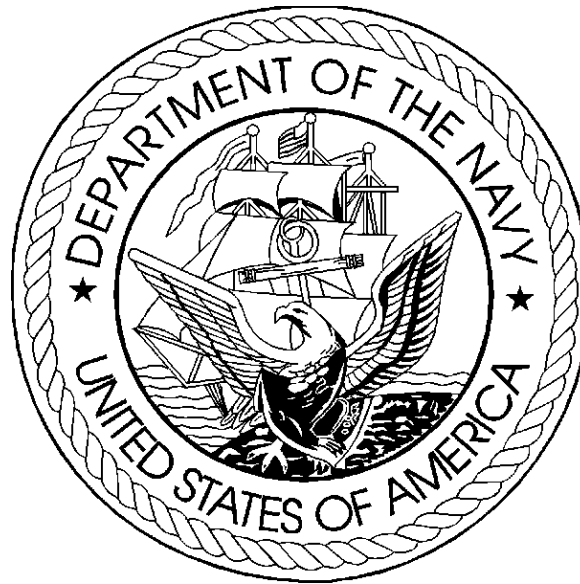


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**Department of Defense
Fiscal Year (FY) 2014 President's Budget Submission**

April 2013



Navy

Justification Book Volume 2 of 2

Procurement of Ammo, Navy & MC

Budget Activity 02

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Navy • President's Budget Submission FY 2014 • Procurement

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Department of Defense Appropriations Act, 2014

Procurement of Ammunition, Navy and Marine Corps

For construction, procurement, production, and modification of ammunition, and accessories therefore; 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, \$589,267,000, to remain available for obligation until September 30, 2016.

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation -----	FY 2012 (Base & OCO) -----	FY 2013 Base Request with CR Adj* -----	FY 2013 OCO Request with CR Adj* -----	Emergency Disaster Relief Act of 2013 -----	FY 2013 Total Request with CR Adj* -----
Procurement of Ammo, Navy & MC	944,591	602,249	285,747		887,996
Total Department of the Navy	944,591	602,249	285,747		887,996

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:33:23

* Reflects the FY 2013 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation -----	FY 2014 Base -----
Procurement of Ammo, Navy & MC	589,267
Total Department of the Navy	589,267

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:33:23

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: Procurement of Ammo, Navy & MC

Budget Activity -----	FY 2012 (Base & OCO) -----	FY 2013 Base Request with CR Adj* -----	FY 2013 OCO Request with CR Adj* -----	Emergency Disaster Relief Act of 2013 -----	FY 2013 Total Request with CR Adj* -----
01. Proc Ammo, Navy	482,305	461,183	151,808		612,991
02. Proc Ammo, MC	462,286	298,356	133,939		432,295
20. Undistributed		-157,290			-157,290
Total Procurement of Ammo, Navy & MC	944,591	602,249	285,747		887,996

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:33:23

* Reflects the FY 2013 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: Procurement of Ammo, Navy & MC

Budget Activity -----	FY 2014 Base -----
01. Proc Ammo, Navy	462,944
02. Proc Ammo, MC	126,323
20. Undistributed	
Total Procurement of Ammo, Navy & MC	589,267

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:33:23

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1508N Procurement of Ammo, Navy & MC

Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
Budget Activity 01: Proc Ammo, Navy								

Navy Ammunition								
1	General Purpose Bombs	A	63,666	27,024	18,000		45,024	U
2	Airborne Rockets, All Types	A	103,464	56,575	80,200		136,775	U
3	Machine Gun Ammunition	A	40,188	21,266	21,500		42,766	U
4	Practice Bombs	A	35,289	34,319			34,319	U
5	Cartridges & Cart Actuated Devices	A	46,716	53,755			53,755	U
6	Air Expendable Countermeasures	A	80,677	61,693	20,303		81,996	U
7	JATOS	A	2,766	2,776			2,776	U
8	LRLAP 6" Long Range Attack Projectile	A		7,102			7,102	U
9	5 Inch/54 Gun Ammunition	A	10,901	48,320			48,320	U
10	Intermediate Caliber Gun Ammunition	A	1,112	25,544			25,544	U
11	Other Ship Gun Ammunition	A	19,200	41,624	532		42,156	U
12	Small Arms & Landing Party Ammo	A	56,349	65,893	2,643		68,536	U
13	Pyrotechnic and Demolition	A	11,870	11,176	2,322		13,498	U
14	Ammunition Less Than \$5 Million	A	10,107	4,116	6,308		10,424	U
Total Proc Ammo, Navy			482,305	461,183	151,808		612,991	

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:33:23

* Reflects the FY 2013 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1508N Procurement of Ammo, Navy & MC

Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e c
----	-----	-----	-----	-----
Budget Activity 01: Proc Ammo, Navy				

Navy Ammunition				
1	General Purpose Bombs	A	37,703	U
2	Airborne Rockets, All Types	A	65,411	U
3	Machine Gun Ammunition	A	20,284	U
4	Practice Bombs	A	37,870	U
5	Cartridges & Cart Actuated Devices	A	53,764	U
6	Air Expendable Countermeasures	A	67,194	U
7	JATOS	A	2,749	U
8	LRLAP 6" Long Range Attack Projectile	A	3,906	U
9	5 Inch/54 Gun Ammunition	A	24,151	U
10	Intermediate Caliber Gun Ammunition	A	33,080	U
11	Other Ship Gun Ammunition	A	40,398	U
12	Small Arms & Landing Party Ammo	A	61,219	U
13	Pyrotechnic and Demolition	A	10,637	U
14	Ammunition Less Than \$5 Million	A	4,578	U

Total Proc Ammo, Navy			462,944	

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:33:23

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1508N Procurement of Ammo, Navy & MC

Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
Budget Activity 02: Proc Ammo, MC								

Marine Corps Ammunition								
15	Small Arms Ammunition		73,612	83,733	10,948		94,681	U
16	Linear Charges, All Types	A	29,182	24,645	9,940		34,585	U
17	40 Mm, All Types	A	102,020	16,201	5,963		22,164	U
18	60mm, All Types	A	10,920					U
19	81mm, All Types	A	34,092	13,711			13,711	U
20	120mm, All Types	A	20,538	12,557	11,605		24,162	U
21	Ctg 25mm, All Types	A	3,889		2,831		2,831	U
22	Grenades, All Types	A	19,363	7,634	2,359		9,993	U
23	Rockets, All Types	A	29,634	27,528	3,051		30,579	U
24	Artillery, All Types	A	79,750	93,065	54,886		147,951	U
25	Demolition Munitions, All Types	A	25,786	2,047	1,391		3,438	U
26	Fuze, All Types	A	14,443	5,297	30,945		36,242	U
27	Non Lethals	B	3,639	1,362	8		1,370	U
28	Ammo Modernization	A	9,287	4,566			4,566	U
29	Items Less Than \$5 Million	A	6,131	6,010	12		6,022	U
Total Proc Ammo, MC			462,286	298,356	133,939		432,295	

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:33:23

* Reflects the FY 2013 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1508N Procurement of Ammo, Navy & MC

Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e c t o r C o d e
----	-----	-----	-----	-----
Budget Activity 02: Proc Ammo, MC				

Marine Corps Ammunition				
15	Small Arms Ammunition		26,297	U
16	Linear Charges, All Types	A	6,088	U
17	40 Mm, All Types	A	7,644	U
18	60mm, All Types	A	3,349	U
19	81mm, All Types	A		U
20	120mm, All Types	A	13,361	U
21	Ctg 25mm, All Types	A		U
22	Grenades, All Types	A	2,149	U
23	Rockets, All Types	A	27,465	U
24	Artillery, All Types	A		U
25	Demolition Munitions, All Types	A		U
26	Fuze, All Types	A	26,366	U
27	Non Lethals	B		U
28	Ammo Modernization	A	8,403	U
29	Items Less Than \$5 Million	A	5,201	U

Total Proc Ammo, MC			126,323	

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1508N Procurement of Ammo, Navy & MC

Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c -
Budget Activity 20: Undistributed								

Undistributed								
30	Adj to Match Continuing Resolution	A	-----	-157,290	-----	-----	-157,290	U
Total Undistributed			-----	-157,290	-----	-----	-157,290	
Total Procurement of Ammo, Navy & MC			944,591	602,249	285,747		887,996	

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:33:23

* Reflects the FY 2013 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1508N Procurement of Ammo, Navy & MC

Line		Ident	FY 2014	S
No	Item Nomenclature	Code	Base	e
----	-----	-----	Quantity	Cost
----	-----	-----	-----	-----
Budget Activity 20: Undistributed				

Undistributed				
30	Adj to Match Continuing Resolution	A		U

Total Undistributed				

Total Procurement of Ammo, Navy & MC			589,267	

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:33:23

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Appropriation 1508N: Procurement of Ammo, Navy & MC

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1	01	01	0145	General Purpose Bombs.....	Volume 1 - 1
2	01	01	0151	Airborne Rockets, All Types.....	Volume 1 - 19
3	01	01	0155	Machine Gun Ammunition.....	Volume 1 - 37
4	01	01	0160	Practice Bombs.....	Volume 1 - 49
5	01	01	0180	Cartridge Actuated Devices/Propellant Act Devices.....	Volume 1 - 59
6	01	01	0182	Air Expendable Countermeasures.....	Volume 1 - 69
7	01	01	0194	Jet Assisted Take Off (JATOs).....	Volume 1 - 87
8	01	01	0198	LRLAP 6 inch Long Range Attack Projectile.....	Volume 1 - 91
9	01	01	0250	5 Inch/54 Gun Ammunition.....	Volume 1 - 99
10	01	01	0266	Intermediate Caliber Gun Ammo.....	Volume 1 - 109
11	01	01	0270	Other Ship Gun Ammunition.....	Volume 1 - 117
12	01	01	0335	Small Arms & Lndg Party Ammo.....	Volume 1 - 133
13	01	01	0340	Pyrotechnic and Demolition.....	Volume 1 - 171
14	01	01	0400	Ammunition less than \$5 million.....	Volume 1 - 193

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Appropriation 1508N: Procurement of Ammo, Navy & MC

Line #	BA	BSA	Line Item Number	Line Item Title	Page
15	02	01	1000	Small Arms Ammunition.....	Volume 2 - 1
16	02	01	1030	Linear Charges, All Types.....	Volume 2 - 27
17	02	01	1050	40 MM, All Types.....	Volume 2 - 39
18	02	01	1083	60 MM, All Types.....	Volume 2 - 51
19	02	01	1091	81 MM, All Types.....	Volume 2 - 59
20	02	01	1121	120 MM, All Types.....	Volume 2 - 69
21	02	01	1388	CTG 25 MM, All Types.....	Volume 2 - 79
22	02	01	1468	Grenades, All Types.....	Volume 2 - 83
23	02	01	1471	Rockets, All Types.....	Volume 2 - 93
24	02	01	1473	Artillery, All Types.....	Volume 2 - 101
25	02	01	1500	Demolition Munitions, All Types.....	Volume 2 - 117
26	02	01	1625	Fuze, All Types.....	Volume 2 - 131
27	02	01	1628	Non Lethals.....	Volume 2 - 139
28	02	01	1630	Ammo Modernization.....	Volume 2 - 145
29	02	01	1660	Items less than \$5 million.....	Volume 2 - 149

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Line Item Title	Line Item Number	Line #	BA	BSA	Page
120 MM, All Types	1121	20	02	01.....	Volume 2 - 69
40 MM, All Types	1050	17	02	01.....	Volume 2 - 39
5 Inch/54 Gun Ammunition	0250	9	01	01.....	Volume 1 - 99
60 MM, All Types	1083	18	02	01.....	Volume 2 - 51
81 MM, All Types	1091	19	02	01.....	Volume 2 - 59
Air Expendable Countermeasures	0182	6	01	01.....	Volume 1 - 69
Airborne Rockets, All Types	0151	2	01	01.....	Volume 1 - 19
Ammo Modernization	1630	28	02	01.....	Volume 2 - 145
Ammunition less than \$5 million	0400	14	01	01.....	Volume 1 - 193
Artillery, All Types	1473	24	02	01.....	Volume 2 - 101
CTG 25 MM, All Types	1388	21	02	01.....	Volume 2 - 79
Cartridge Actuated Devices/Propellant Act Devices	0180	5	01	01.....	Volume 1 - 59
Demolition Munitions, All Types	1500	25	02	01.....	Volume 2 - 117
Fuze, All Types	1625	26	02	01.....	Volume 2 - 131
General Purpose Bombs	0145	1	01	01.....	Volume 1 - 1
Grenades, All Types	1468	22	02	01.....	Volume 2 - 83
Intermediate Caliber Gun Ammo	0266	10	01	01.....	Volume 1 - 109

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Line Item Title	Line Item Number	Line #	BA	BSA	Page
Items less than \$5 million	1660	29	02	01.....	Volume 2 - 149
Jet Assisted Take Off (JATOs)	0194	7	01	01.....	Volume 1 - 87
LRLAP 6 inch Long Range Attack Projectile	0198	8	01	01.....	Volume 1 - 91
Linear Charges, All Types	1030	16	02	01.....	Volume 2 - 27
Machine Gun Ammunition	0155	3	01	01.....	Volume 1 - 37
Non Lethals	1628	27	02	01.....	Volume 2 - 139
Other Ship Gun Ammunition	0270	11	01	01.....	Volume 1 - 117
Practice Bombs	0160	4	01	01.....	Volume 1 - 49
Pyrotechnic and Demolition	0340	13	01	01.....	Volume 1 - 171
Rockets, All Types	1471	23	02	01.....	Volume 2 - 93
Small Arms & Lndg Party Ammo	0335	12	01	01.....	Volume 1 - 133
Small Arms Ammunition	1000	15	02	01.....	Volume 2 - 1

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Appropriation 1508N: Procurement of Ammo, Navy & MC

Line #	BA	BSA	Line Item Number	Line Item Title	Page
15	02	01	1000	Small Arms Ammunition.....	Volume 2 - 1
16	02	01	1030	Linear Charges, All Types.....	Volume 2 - 27
17	02	01	1050	40 MM, All Types.....	Volume 2 - 39
18	02	01	1083	60 MM, All Types.....	Volume 2 - 51
19	02	01	1091	81 MM, All Types.....	Volume 2 - 59
20	02	01	1121	120 MM, All Types.....	Volume 2 - 69
21	02	01	1388	CTG 25 MM, All Types.....	Volume 2 - 79
22	02	01	1468	Grenades, All Types.....	Volume 2 - 83
23	02	01	1471	Rockets, All Types.....	Volume 2 - 93
24	02	01	1473	Artillery, All Types.....	Volume 2 - 101
25	02	01	1500	Demolition Munitions, All Types.....	Volume 2 - 117
26	02	01	1625	Fuze, All Types.....	Volume 2 - 131
27	02	01	1628	Non Lethals.....	Volume 2 - 139
28	02	01	1630	Ammo Modernization.....	Volume 2 - 145
29	02	01	1660	Items less than \$5 million.....	Volume 2 - 149

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Line Item Table of Contents (Alphabetically by Line Item Title)

Line Item Title	Line Item Number	Line #	BA	BSA	Page
120 MM, All Types	1121	20	02	01.....	Volume 2 - 69
40 MM, All Types	1050	17	02	01.....	Volume 2 - 39
60 MM, All Types	1083	18	02	01.....	Volume 2 - 51
81 MM, All Types	1091	19	02	01.....	Volume 2 - 59
Ammo Modernization	1630	28	02	01.....	Volume 2 - 145
Artillery, All Types	1473	24	02	01.....	Volume 2 - 101
CTG 25 MM, All Types	1388	21	02	01.....	Volume 2 - 79
Demolition Munitions, All Types	1500	25	02	01.....	Volume 2 - 117
Fuze, All Types	1625	26	02	01.....	Volume 2 - 131
Grenades, All Types	1468	22	02	01.....	Volume 2 - 83
Items less than \$5 million	1660	29	02	01.....	Volume 2 - 149
Linear Charges, All Types	1030	16	02	01.....	Volume 2 - 27
Non Lethals	1628	27	02	01.....	Volume 2 - 139
Rockets, All Types	1471	23	02	01.....	Volume 2 - 93
Small Arms Ammunition	1000	15	02	01.....	Volume 2 - 1

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(Listing by Appropriation, then Line Number)

Appropriation 1508N: Procurement of Ammo, Navy & MC**BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition**

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
1	A	0145	General Purpose Bombs	-	63.666	-	45.024	-	37.703	-	0.000	-	37.703
2	A	0151	Airborne Rockets, All Types	-	103.464	-	136.775	-	65.411	-	0.000	-	65.411
3	A	0155	Machine Gun Ammunition	-	40.188	-	42.766	-	20.284	-	0.000	-	20.284
4	A	0160	Practice Bombs	-	35.289	-	34.319	-	37.870	-	0.000	-	37.870
5	A	0180	Cartridge Actuated Devices/Propellant Act Devices	-	46.716	-	53.755	-	53.764	-	0.000	-	53.764
6	A	0182	Air Expendable Countermeasures	-	80.677	-	81.996	-	67.194	-	0.000	-	67.194
7	A	0194	Jet Assisted Take Off (JATOs)	-	2.766	-	2.776	-	2.749	-	0.000	-	2.749
8	A	0198	LRLAP 6 inch Long Range Attack Projectile	-	0.000	-	7.102	-	3.906	-	0.000	-	3.906
9	A	0250	5 Inch/54 Gun Ammunition	-	10.901	-	48.320	-	24.151	-	0.000	-	24.151
10	A	0266	Intermediate Caliber Gun Ammo	-	1.112	-	25.544	-	33.080	-	0.000	-	33.080
11	A	0270	Other Ship Gun Ammunition	-	19.200	-	42.156	-	40.398	-	0.000	-	40.398

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Navy • President's Budget Submission FY 2014 • Procurement

Master Exhibit P-1

(Listing by Appropriation, then Line Number)

Appropriation 1508N: Procurement of Ammo, Navy & MC

BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
12	A	0335	Small Arms & Lndg Party Ammo	-	56.349	-	68.536	-	61.219	-	0.000	-	61.219
13	A	0340	Pyrotechnic and Demolition	-	11.870	-	13.498	-	10.637	-	0.000	-	10.637
14	A	0400	Ammunition less than \$5 million	-	10.107	-	10.424	-	4.578	-	0.000	-	4.578
Total: Proc Ammo, Navy / Navy Ammunition				-	482.305	-	612.991	-	462.944	-	0.000	-	462.944

Appropriation 1508N: Procurement of Ammo, Navy & MC

BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
15	A	1000	Small Arms Ammunition	-	73.612	-	94.681	-	26.297	-	0.000	-	26.297
16	A	1030	Linear Charges, All Types	-	29.182	-	34.585	-	6.088	-	0.000	-	6.088

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Navy • President's Budget Submission FY 2014 • Procurement

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(Listing by Appropriation, then Line Number)

Appropriation 1508N: Procurement of Ammo, Navy & MC
BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
17	A	1050	40 MM, All Types	-	102.020	-	22.164	-	7.644	-	0.000	-	7.644
18	A	1083	60 MM, All Types	-	10.920	-	0.000	-	3.349	-	0.000	-	3.349
19	A	1091	81 MM, All Types	-	34.092	-	13.711	-	0.000	-	0.000	-	0.000
20	A	1121	120 MM, All Types	-	20.538	-	24.162	-	13.361	-	0.000	-	13.361
21	A	1388	CTG 25 MM, All Types	-	3.889	-	2.831	-	0.000	-	0.000	-	0.000
22	A	1468	Grenades, All Types	-	19.363	-	9.993	-	2.149	-	0.000	-	2.149
23	A	1471	Rockets, All Types	-	29.634	-	30.579	-	27.465	-	0.000	-	27.465
24	A	1473	Artillery, All Types	-	79.750	-	147.951	-	0.000	-	0.000	-	0.000
25	A	1500	Demolition Munitions, All Types	-	25.786	-	3.438	-	0.000	-	0.000	-	0.000
26	A	1625	Fuze, All Types	-	14.443	-	36.242	-	26.366	-	0.000	-	26.366
27	A	1628	Non Lethals	-	3.639	-	1.370	-	0.000	-	0.000	-	0.000
28	A	1630	Ammo Modernization	-	9.287	-	4.566	-	8.403	-	0.000	-	8.403
29	A	1660	Items less than \$5 million	-	6.131	-	6.022	-	5.201	-	0.000	-	5.201
Total: Proc Ammo, MC / Marine Corps Ammunition				-	462.286	-	432.295	-	126.323	-	0.000	-	126.323

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Exhibit P-1

(Listing by Appropriation, then Line Number)

Appropriation 1508N: Procurement of Ammo, Navy & MC
BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
15	A	1000	Small Arms Ammunition	-	73.612	-	94.681	-	26.297	-	0.000	-	26.297
16	A	1030	Linear Charges, All Types	-	29.182	-	34.585	-	6.088	-	0.000	-	6.088
17	A	1050	40 MM, All Types	-	102.020	-	22.164	-	7.644	-	0.000	-	7.644
18	A	1083	60 MM, All Types	-	10.920	-	0.000	-	3.349	-	0.000	-	3.349
19	A	1091	81 MM, All Types	-	34.092	-	13.711	-	0.000	-	0.000	-	0.000
20	A	1121	120 MM, All Types	-	20.538	-	24.162	-	13.361	-	0.000	-	13.361
21	A	1388	CTG 25 MM, All Types	-	3.889	-	2.831	-	0.000	-	0.000	-	0.000
22	A	1468	Grenades, All Types	-	19.363	-	9.993	-	2.149	-	0.000	-	2.149
23	A	1471	Rockets, All Types	-	29.634	-	30.579	-	27.465	-	0.000	-	27.465
24	A	1473	Artillery, All Types	-	79.750	-	147.951	-	0.000	-	0.000	-	0.000
25	A	1500	Demolition Munitions, All Types	-	25.786	-	3.438	-	0.000	-	0.000	-	0.000
26	A	1625	Fuze, All Types	-	14.443	-	36.242	-	26.366	-	0.000	-	26.366
27	A	1628	Non Lethals	-	3.639	-	1.370	-	0.000	-	0.000	-	0.000
28	A	1630	Ammo Modernization	-	9.287	-	4.566	-	8.403	-	0.000	-	8.403
29	A	1660	Items less than \$5 million	-	6.131	-	6.022	-	5.201	-	0.000	-	5.201

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Exhibit P-1

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Exhibit P-1

(Listing by Appropriation, then Line Number)

Appropriation 1508N: Procurement of Ammo, Navy & MC
BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
Total: Proc Ammo, MC / Marine Corps Ammunition				-	462.286	-	432.295	-	126.323	-	0.000	-	126.323

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013
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Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition	P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	127.261	73.612	94.681	26.297	-	26.297	33.133	28.635	36.874	47.218	-	467.711
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	127.261	73.612	94.681	26.297	-	26.297	33.133	28.635	36.874	47.218	-	467.711
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	127.261	73.612	94.681	26.297	-	26.297	33.133	28.635	36.874	47.218	-	467.711

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Small Arms Ammunition BLIN consists of a family of 9mm, 5.56mm, 7.62mm, 12 gauge, caliber .45 and .50 munitions. Small arms ammunition in general is described as a cartridge or a family of cartridges that their intended use is in various types of crew-served/mounted weapons, hand-held pistols, or shoulder fired rifles, ranging from .22 caliber to .50 calibers weapons. A small arms cartridge is an assembly consisting of a cartridge case, a primer, a quantity of propellant, and a bullet.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Small Arms Ammunition	P40A, P5A, P21				127.261			73.612			94.681			26.297			-			26.297
Total Gross/Weapon System Cost					127.261			73.612			94.681			26.297			-			26.297

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

FY 2012 Base Appropriation Request \$53.032M: \$0.152M procured the MC Competition Shooting Team ammunition loading equipment and unique precision ammunition components; \$24.890M procured the 5.56mm NATO Ball M855 10/Clip; 3.000M procured the 5.56mm 4 Ball M855/1 Tracer M856 Linked; \$0.012M funded Engineering Support in Production (ESIP) cost for the 5.56mm Blank M200 Linked; \$2.000M procured the 5.56mm Blank M200 Single Round; \$0.005M funded ESIP cost for the Caliber .22 Ball Long Rifle Match; \$1.774M procured the 7.62mm 4 Ball M80/1 Tracer M62 Linked; \$2.000M

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
<p>procured the 9mm Ball M882; \$0.036M funded ESIP cost for the Caliber .45 Ball M1911; \$6.829M procured the Caliber .50 4 API M8/1 API-T M20 Linked; \$1.000M procured Caliber .50 Blank M1A1 Linked; \$1.000M procured the 5.56mm Jacketed Frangible; \$2.404M procured the 5.56mm FX Blue Marking Linked; \$4.000M procured the Caliber .50 Reduced Range 4 Ball/1 Tracer Linked; \$3.830M procured the Caliber .50 Reduced Range Ball Linked; \$0.100M procured the 9mm Blank Single Round. All of these items are in the training and combat requirements that have been identified in the Total Munitions Requirement (TMR).</p> <p>FY 2012 Overseas Contingency Operations (OCO) Request \$20.580M: \$5.856M procured the 7.62mm 4 Ball M80/1 Tracer M62 Linked; \$0.088M procured the 9mm Ball M882; \$14.636M procured the Caliber .50 4 API M8/1 API-T M20 Linked; for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures.</p> <p>FY 2013 Base Appropriation Request \$83.733M: \$0.250M procures the 12 Gauge No. 9 Shot; \$0.250M procures the 12 Gauge 1 Ounce Slug Commercial; \$32.835M procures the 5.56mm NATO Ball M855 10/Clip; \$4.794M procures the 7.62mm 4 Ball M80/1 Tracer M62 Linked; \$4.035M procures the 7.62mm Ball M80 Linked; \$0.300M procures the Caliber .30 Blank M1909; \$16.128M procures the Caliber .50 4 API M8/1 API-T M20 Linked; \$0.503M procures the 9mm Red Marking; \$0.785M procures the 9mm Blue Marking; \$0.101M procures the 5.56mm Jacketed Frangible; \$0.399M procures the 12 Gauge Door Breaching MK246 Mod 0; \$0.270M procures the 5.56mm Short Range Training Ammunition (SRTA) M862; \$1.127M procures the 5.56mm FX Blue Marking Linked; \$1.169M procures the 5.56mm FX Red Marking Linked; \$2.056M procures the 5.56mm FX Blue Marking; \$2.482M procures the 5.56mm FX Red Marking; \$10.955M procures the Caliber .50 Reduced Range 4 Ball/1 Tracer Linked; \$2.619M procures the Caliber .50 Reduced Range Ball Linked; \$0.132M procures the 9mm Blank Single Round; \$0.411M procures the 7.62mmx39 Ball Foreign Non-Standard Ammunition; \$2.132M procures the 7.62mmx54R Ball Foreign Non-Standard Ammunition. All of these items are in the training and combat requirements that have been identified in the Total Munitions Requirement (TMR).</p> <p>FY 2013 Overseas Contingency Operations (OCO) Request \$10.948M: \$3.596M procures the 5.56mm NATO Ball M855 10/Clip; \$3.466M procures the 7.62mm 4 Ball M80/1 Tracer M62 Linked; \$0.021M procures the 9mm Ball M882; \$3.865M procures the Caliber .50 4 API M8/1 API-T M20 Linked; for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures.</p> <p>FY 2014 Base Appropriation Request \$26.297M: \$0.100M will procure the 7.62mm Blank M82 Single Round; \$0.100M will procure the 7.62mm Dummy; \$0.150M will procure the Caliber .45 Ball M1911 Match; \$0.523M will procure the Caliber .50 Ball M2/M33 Single Round; \$0.514M will procure the Caliber .50 4 API M8/1 API-T M20 Linked; \$0.211M will procure the 9mm Frangible MK254-0; \$0.100M will procure the 5.56mm Special Match Molybdenum Coated; \$1.020M will procure the 5.56mm FX Blue Marking Linked; \$1.033M will procure the 5.56mm FX Red Marking Linked; \$2.753M will procure the 5.56mm FX Blue Marking; \$2.058M will procure the 5.56mm FX Red Marking; \$14.415M will procure the Caliber .50 Reduced Range 4 Ball/1 Tracer Linked; \$2.822M will procure the Caliber .50 Reduced Range Ball Linked; \$0.147M will procure the 9mm Blank Single Round; \$0.351M will procure the 7.62mmx39 Ball Foreign Non-Standard Ammunition. All of these items are in the training and combat requirements that have been identified in the Total Munitions Requirement (TMR).</p>		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition								P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition							Aggregated Item Name: Small Arms Ammunition					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) A001 RIFLE TEAM AMMUNITION																				
1.1) A001 COMPLETE ROUND	A		-	-	0.236	-	-	0.152	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) A001 RIFLE TEAM AMMUNITION					0.236			0.152			-			-			-			-
2) A011 CTG, 12 GAUGE 00 BUCKSHOT																				
2.1) A011 COMPLETE ROUND	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) A011 CTG, 12 GAUGE 00 BUCKSHOT					0.000			-			-			-			-			-
3) A017 CTG, 12 GAUGE # 9 SHOT																				
† 3.1) A017 COMPLETE ROUND	A		-	-	-	-	-	-	0.33	713,518	0.238	-	-	-	-	-	-	-	-	-
3.2) A017 PRODUCTION ENGINEERING			-	-	-	-	-	-	-	-	0.012	-	-	-	-	-	-	-	-	-
Subtotal 3) A017 CTG, 12 GAUGE # 9 SHOT					-			-			0.250			-			-			-
4) A023 CTG, 12 GAUGE SLUG																				
† 4.1) A023 CTG, 12 GAUGE SLUG	A		-	-	-	-	-	-	0.65	384,615	0.250	-	-	-	-	-	-	-	-	-
Subtotal 4) A023 CTG, 12 GAUGE SLUG					-			-			0.250			-			-			-
5) A059 CTG, 5.56MM BALL																				
† 5.1) A059 LOAD, ASSEMBLE AND PACK (LAP) (1)	A		0.32	133,673K	42.830	0.30	78,437,950	23.359	0.39	88,247,480	34.595	-	-	-	-	-	-	-	-	-
† 5.2) A059 LOAD, ASSEMBLE AND PACK (LAP) (2)	A		0.32	7,372,389	2.359	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.3) A059 BOX METAL M2A1 (EA) (1)	A		8.71	416,653	3.631	9.40	94,910	0.892	11.83	106,777	1.263	-	-	-	-	-	-	-	-	-
5.4) A059 BOX METAL M2A1 (EA) (2)	A		9.00	2,000	0.018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.5) A059 PRODUCTION ENGINEERING			-	-	0.991	-	-	0.620	-	-	0.556	-	-	-	-	-	-	-	-	-
5.6) A059 QUALITY ASSURANCE			-	-	0.031	-	-	0.019	-	-	0.016	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition						P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition										Aggregated Item Name: Small Arms Ammunition				
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
5.7) A059 ACCEPTANCE TESTING			-	-	0.097	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 5) A059 CTG, 5.56MM BALL</i>					49.957			24.890			36.430			-			-			-
6) A062 CTG 5.56MM BALL LINKED																				
6.1) A062 COMPLETE ROUND	A		0.36	342,181	0.124	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2) A062 PRODUCTION ENGINEERING			-	-	0.018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.3) A062 QUALITY ASSURANCE			-	-	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.4) A062 ACCEPTANCE TESTING			-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 6) A062 CTG 5.56MM BALL LINKED</i>					0.145			-			-			-			-			-
7) A064 CTG, 5.56MM 4 & 1 LINKED																				
† 7.1) A064 COMPLETE ROUND	A		0.35	34,467,928	12.067	0.44	6,689,752	2.950	-	-	-	-	-	-	-	-	-	-	-	-
7.2) A064 PRODUCTION ENGINEERING			-	-	0.458	-	-	0.046	-	-	-	-	-	-	-	-	-	-	-	-
7.3) A064 QUALITY ASSURANCE			-	-	0.012	-	-	0.004	-	-	-	-	-	-	-	-	-	-	-	-
7.4) A064 ACCEPTANCE TESTING			-	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.5) A064 PRODUCTION VERIFICATION TEST			-	-	0.199	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 7) A064 CTG, 5.56MM 4 & 1 LINKED</i>					12.753			3.000			-			-			-			-
8) A075 CTG, 5.56MM BLANK LINKED																				
8.1) A075 COMPLETE ROUND	A		0.36	11,068,043	4.022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.2) A075 PRODUCTION ENGINEERING			-	-	0.029	-	-	0.012	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																	Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition									P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition									Aggregated Item Name: Small Arms Ammunition		
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
8.3) A075 PRODUCTION VERIFICATION TEST			-	-	0.412	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 8) A075 CTG, 5.56MM BLANK LINKED</i>					4.463			0.012			-			-			-			-
9) A080 CTG, 5.56MM BLANK																				
† 9.1) A080 LOAD, ASSEMBLE AND PACK (LAP)	A		0.24	15,270,967	3.701	0.23	8,189,282	1.908	-	-	-	-	-	-	-	-	-	-	-	-
† 9.2) A080 BOX METAL M2A1 (EA) (1)	A		9.52	13,544	0.129	9.40	7,288	0.069	-	-	-	-	-	-	-	-	-	-	-	-
9.3) A080 PRODUCTION ENGINEERING			-	-	0.044	-	-	0.020	-	-	-	-	-	-	-	-	-	-	-	-
9.4) A080 QUALITY ASSURANCE			-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.5) A080 ACCEPTANCE TESTING			-	-	0.004	-	-	0.003	-	-	-	-	-	-	-	-	-	-	-	-
9.6) A080 PRODUCTION VERIFICATION TEST			-	-	0.160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 9) A080 CTG, 5.56MM BLANK</i>					4.039			2.000			-			-			-			-
10) A091 CTG, 7.62MM BLANK LINKED																				
10.1) A091 PRODUCTION ENGINEERING			-	-	-	-	-	0.005	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 10) A091 CTG, 7.62MM BLANK LINKED</i>					-			0.005			-			-			-			-
11) A112 CTG, 7.62MM BLANK M82																				
† 11.1) A112 LOAD, ASSEMBLE AND PACK (LAP)	A		-	-	-	-	-	-	-	-	-	0.53	164,289	0.087	-	-	-	0.53	164,289	0.087
† 11.2) A112 BOX METAL M2A2	A		-	-	-	-	-	-	-	-	-	12.83	276	0.004	-	-	-	12.83	276	0.004
11.3) A112 PRODUCTION ENGINEERING			-	-	-	-	-	-	-	-	-	-	-	0.008	-	-	-	-	-	0.008
11.4) A112 QUALITY ASSURANCE			-	-	-	-	-	-	-	-	-	-	-	0.001	-	-	-	-	-	0.001

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition								Aggregated Item Name: Small Arms Ammunition					
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 11) A112 CTG, 7.62MM BLANK M82					-			-			-			0.100			-			0.100
12) A131 CTG, 7.62MM 4 & 1 LINKED																				
† 12.1) A131 COMPLETE ROUND	A		0.76	18,741,314	14.219	0.79	9,313,675	7.347	0.98	8,267,557	8.081	-	-	-	-	-	-	-	-	-
12.2) A131 PRODUCTION ENGINEERING			-	-	0.614	-	-	0.176	-	-	0.162	-	-	-	-	-	-	-	-	-
12.3) A131 QUALITY ASSURANCE			-	-	0.015	-	-	0.002	-	-	0.002	-	-	-	-	-	-	-	-	-
12.4) A131 ACCEPTANCE TESTING			-	-	0.097	-	-	0.105	-	-	0.015	-	-	-	-	-	-	-	-	-
Subtotal 12) A131 CTG, 7.62MM 4 & 1 LINKED					14.945			7.630			8.260			-			-			-
13) A143 CTG, 7.62MM BALL LINKED																				
† 13.1) A143 COMPLETE ROUND	A		0.68	6,692,647	4.551	-	-	-	0.91	4,265,100	3.888	-	-	-	-	-	-	-	-	-
13.2) A143 PRODUCTION ENGINEERING			-	-	0.170	-	-	-	-	-	0.147	-	-	-	-	-	-	-	-	-
13.3) A143 ACCEPTANCE TESTING			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 13) A143 CTG, 7.62MM BALL LINKED					4.721			-			4.035			-			-			-
14) A159 CTG 7.62MM DUMMY																				
† 14.1) A159 LOAD, ASSEMBLE AND PACK (LAP) ⁽¹⁾	A		-	-	-	-	-	-	-	-	-	0.76	121,797	0.092	-	-	-	0.76	121,797	0.092
† 14.2) A159 BOX METAL M2A2 ⁽²⁾	A		-	-	-	-	-	-	-	-	-	12.83	267	0.003	-	-	-	12.83	267	0.003
14.3) A159 PRODUCTION ENGINEERING			-	-	-	-	-	-	-	-	-	-	-	0.005	-	-	-	-	-	0.005
Subtotal 14) A159 CTG 7.62MM DUMMY					-			-			-			0.100			-			0.100
15) A222 CTG, CAL. 30 BLANKM1909 SGL RD																				
† 15.1) A222 COMPLETE ROUND	A		-	-	-	-	-	-	0.72	389,643	0.279	-	-	-	-	-	-	-	-	-

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Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 15.2) A222 BOX METAL M2A1 (EA) (1)	A		-	-	-	-	-	-	11.83	635	0.008	-	-	-	-	-	-	-	-	-
15.3) A222 PRODUCTION ENGINEERING			-	-	-	-	-	-	-	-	0.013	-	-	-	-	-	-	-	-	-
Subtotal 15) A222 CTG, CAL. 30 BLANKM1909 SGL RD					-			-			0.300			-			-			-
16) A363 CTG, 9MM BALL																				
† 16.1) A363 LOAD, ASSEMBLE AND PACK (LAP)	A		0.15	25,032,588	3.671	0.17	11,135,256	1.846	0.17	115,417	0.020	-	-	-	-	-	-	-	-	-
† 16.2) A363 BOX METAL M2A1 (EA) (1)	A		9.45	4,443	0.042	9.40	11,247	0.106	11.83	117	0.001	-	-	-	-	-	-	-	-	-
16.3) A363 BOX METAL M2A1 (EA) (2)	A		9.95	21,000	0.209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16.4) A363 PRODUCTION ENGINEERING			-	-	0.095	-	-	0.132	-	-	-	-	-	-	-	-	-	-	-	-
16.5) A363 QUALITY ASSURANCE			-	-	-	-	-	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 16) A363 CTG, 9MM BALL					4.017			2.088			0.021			-			-			-
17) A475 CTG, CAL .45 BALL																				
17.1) A475 PRODUCTION ENGINEERING			-	-	-	-	-	0.036	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 17) A475 CTG, CAL .45 BALL					-			0.036			-			-			-			-
18) A483 CTG CAL .45 MATCH GRADE																				
† 18.1) A483 LOAD, ASSEMBLE AND PACK (LAP)	A		-	-	-	-	-	-	-	-	-	0.59	241,016	0.141	-	-	-	0.59	241,016	0.141
† 18.2) A483 BOX METAL M2A2	A		-	-	-	-	-	-	-	-	-	12.83	243	0.003	-	-	-	12.83	243	0.003
18.3) A483 PRODUCTION ENGINEERING			-	-	-	-	-	-	-	-	-	-	-	0.004	-	-	-	-	-	0.004
18.4) A483 QUALITY ASSURANCE			-	-	-	-	-	-	-	-	-	-	-	0.002	-	-	-	-	-	0.002
Subtotal 18) A483 CTG CAL .45 MATCH GRADE					-			-			-			0.150			-			0.150

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Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition							Aggregated Item Name: Small Arms Ammunition						
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
19) A552 CTG CAL .50 GRADE AC BALL																				
† 19.1) A552 LOAD, ASSEMBLE AND PACK (LAP)	A		-	-	-	-	-	-	-	-	-	1.86	259,378	0.483	-	-	-	1.86	259,378	0.483
† 19.2) A552 BOX METAL M2A2	A		-	-	-	-	-	-	-	-	-	12.83	2,179	0.028	-	-	-	12.83	2,179	0.028
19.3) A552 PRODUCTION ENGINEERING			-	-	-	-	-	-	-	-	-	-	-	0.012	-	-	-	-	-	0.012
Subtotal 19) A552 CTG CAL .50 GRADE AC BALL					-			-			-			0.523			-			0.523
20) A576 CTG, CAL .50 4 & 1 LINKED																				
† 20.1) A576 LOAD, ASSEMBLE, AND PACK (LAP)	A		2.66	6,578,067	17.499	2.43	8,031,790	19.532	3.16	6,010,034	19.005	1.98	234,635	0.464	-	-	-	1.98	234,635	0.464
† 20.2) A576 BOX METAL M2A1 (1)	A		9.22	47,847	0.441	9.41	81,925	0.771	11.83	61,303	0.725	-	-	-	-	-	-	-	-	-
† 20.3) A576 BOX METAL M2A2	A		-	-	-	-	-	-	-	-	-	12.83	2,393	0.031	-	-	-	12.83	2,393	0.031
20.4) A576 PRODUCTION ENGINEERING			-	-	0.346	-	-	0.154	-	-	0.256	-	-	0.010	-	-	-	-	-	0.010
20.5) A576 QUALITY ASSURANCE			-	-	0.011	-	-	0.003	-	-	0.008	-	-	-	-	-	-	-	-	-
20.6) A576 ACCEPTANCE TESTING			-	-	-	-	-	1.005	-	-	-	-	-	0.009	-	-	-	-	-	0.009
Subtotal 20) A576 CTG, CAL .50 4 & 1 LINKED					18.297			21.465			19.994			0.514			-			0.514
21) A598 CTG, CAL .50 BLANK LINKED M2																				
† 21.1) A598 LOAD, ASSEMBLE AND PACK (LAP)	A		1.66	55,580	0.092	1.72	545,045	0.939	-	-	-	-	-	-	-	-	-	-	-	-
† 21.2) A598 BOX METAL M2A1 (EA) (1)	A		8.98	557	0.005	9.41	5,559	0.052	-	-	-	-	-	-	-	-	-	-	-	-
21.3) A598 PRODUCTION ENGINEERING			-	-	0.001	-	-	0.009	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 21) A598 CTG, CAL .50 BLANK LINKED M2					0.098			1.000			-			-			-			-

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Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition								P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition							Aggregated Item Name: Small Arms Ammunition					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
22) AA02 CTG, 5.56MM 4 AP M995/ 1 TRACER M856																				
† 22.1) AA02 LOAD, ASSEMBLE, AND PACK (LAP)	A		1.59	522,962	0.829	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 22) AA02 CTG, 5.56MM 4 AP M995/ 1 TRACER M856					0.829		-			-			-			-				-
23) AA03 CTG, 7.62MM M993 ARMOR PIERCING (AP)																				
† 23.1) AA03 COMPLETE ROUND	A		2.56	734,715	1.878	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23.2) AA03 PRODUCTION ENGINEERING			-	-	0.021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 23) AA03 CTG, 7.62MM M993 ARMOR PIERCING (AP)					1.899		-			-			-			-				-
24) AA04 CTG, 7.62MM 4 AP M995 TP 1 TRACER																				
† 24.1) AA04 LOAD, ASSEMBLE, AND PACK (LAP)	A		2.24	179,729	0.402	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 24) AA04 CTG, 7.62MM 4 AP M995 TP 1 TRACER					0.402		-			-			-			-				-
25) AA11 CTG, 7.62MM BALL LONG RANGE																				
† 25.1) AA11 LOAD, ASSEMBLE AND PACK (LAP)	A		0.92	4,449,475	4.092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25.2) AA11 BOX METAL M2A1 (EA)	A		8.75	9,714	0.085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25.3) AA11 PRODUCTION ENGINEERING			-	-	0.059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25.4) AA11 QUALITY ASSURANCE			-	-	0.007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 25) AA11 CTG, 7.62MM BALL LONG RANGE					4.243		-			-			-			-				-
26) AA12 CTG, 9MM SESAMS (RED)																				

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Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 26.1) AA12 COMPLETE ROUND	A		0.36	2,777,777	1.000	-	-	-	0.37	1,359,459	0.503	-	-	-	-	-	-	-	-	-
Subtotal 26) AA12 CTG, 9MM SESAMS (RED)					1.000			-		0.503			-			-				-
27) AA16 CTG 9MM FRANGIBLE																				
† 27.1) AA16 COMPLETE ROUND	A		-	-	-	-	-	-	-	-	-	0.23	917,391	0.211	-	-	-	0.23	917,391	0.211
Subtotal 27) AA16 CTG 9MM FRANGIBLE					-			-		-				0.211			-			0.211
28) AA21 CTG, 9MM SESAMS (BLUE)																				
† 28.1) AA21 COMPLETE ROUND	A		0.36	3,844,445	1.384	-	-	-	0.36	2,180,556	0.785	-	-	-	-	-	-	-	-	-
Subtotal 28) AA21 CTG, 9MM SESAMS (BLUE)					1.384			-			0.785			-			-			-
29) AA40 CTG, 5.56MM JACKETED FRANGIBLE																				
† 29.1) AA40 COMPLETE ROUND	A		-	-	-	0.33	3,030,303	1.000	0.34	297,059	0.101	-	-	-	-	-	-	-	-	-
Subtotal 29) AA40 CTG, 5.56MM JACKETED FRANGIBLE					-			1.000			0.101			-			-			-
30) AA53 CTG, 5.56MM SPECIAL BALL LR (77GR)																				
30.1) AA53 COMPLETE ROUND	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 30) AA53 CTG, 5.56MM SPECIAL BALL LR (77GR)					0.000			-			-			-			-			-
31) AA54 CTG, DOOR BREACHING																				
† 31.1) AA54 COMPLETE ROUND	A		-	-	-	-	-	-	2.36	167,859	0.396	-	-	-	-	-	-	-	-	-
31.2) AA54 PRODUCTION ENGINEERING			-	-	-	-	-	-	-	-	0.003	-	-	-	-	-	-	-	-	-
Subtotal 31) AA54 CTG, DOOR BREACHING					-			-			0.399			-			-			-
32) AA67 CTG 5.56MM MOLY COATED (77GR)																				
† 32.1) AA67 COMPLETE ROUND	A		-	-	-	-	-	-	-	-	-	0.57	175,000	0.100	-	-	-	0.57	175,000	0.100

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Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 32) AA67 CTG 5.56MM MOLY COATED (77GR)					-			-			-			0.100			-			0.100
33) AA68 CTG, 5.56MM SR TRAIN M862																				
† 33.1) AA68 COMPLETE ROUND	A		-	-	-	-	-	-	1.89	142,879	0.270	-	-	-	-	-	-	-	-	-
Subtotal 33) AA68 CTG, 5.56MM SR TRAIN M862					-			-			0.270			-			-			-
34) AA91 CTG 5.56MM MK289-0 FX MKG BLUE																				
† 34.1) AA91 COMPLETE ROUND	A		-	-	-	0.50	4,808,000	2.404	0.55	2,049,091	1.127	0.57	1,789,474	1.020	-	-	-	0.57	1,789,474	1.020
Subtotal 34) AA91 CTG 5.56MM MK289-0 FX MKG BLUE					-			2.404			1.127			1.020			-			1.020
35) AA92 CTG, 5.56MM FX RED MKG LKD																				
† 35.1) AA92 COMPLETE ROUND	A		-	-	-	-	-	-	0.55	2,125,455	1.169	0.57	1,812,281	1.033	-	-	-	0.57	1,812,281	1.033
Subtotal 35) AA92 CTG, 5.56MM FX RED MKG LKD					-			-			1.169			1.033			-			1.033
36) AB05 CTG, 5.56MM ORANGE MKG SNGL RD																				
† 36.1) AB05 COMPLETE ROUND	A		-	-	-	-	-	-	0.55	3,738,182	2.056	0.57	4,829,825	2.753	-	-	-	0.57	4,829,825	2.753
Subtotal 36) AB05 CTG, 5.56MM ORANGE MKG SNGL RD					-			-			2.056			2.753			-			2.753
37) AB06 CTG, 5.56MM FX RED MKG SGL RD																				
† 37.1) AB06 COMPLETE ROUND	A		-	-	-	-	-	-	0.55	4,512,727	2.482	0.57	3,610,526	2.058	-	-	-	0.57	3,610,526	2.058
Subtotal 37) AB06 CTG, 5.56MM FX RED MKG SGL RD					-			-			2.482			2.058			-			2.058
38) APKM, FOREIGN AMMO ALL TYPES																				
38.1) APKM COMPLETE ROUND	A		0.68	2,500,000	1.700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 38) APKM, FOREIGN AMMO ALL TYPES					1.700			-			-			-			-			-

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Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
39) AXX1 CTG, CALIBER .50 REDUCED RANGE 4 BALL/1																				
† 39.1) AXX1 COMPLETE ROUND	A		-	-	-	4.75	842,105	4.000	4.89	2,240,286	10.955	4.89	2,947,853	14.415	-	-	-	4.89	2,947,853	14.415
Subtotal 39) AXX1 CTG, CALIBER .50 REDUCED RANGE 4 BALL/1					-			4.000			10.955			14.415			-			14.415
40) AXX2 CTG, CALIBER .50 REDUCED RANGE BALL LINK																				
† 40.1) AXX2 COMPLETE ROUND	A		-	-	-	4.61	830,803	3.830	4.65	563,226	2.619	4.67	604,283	2.822	-	-	-	4.67	604,283	2.822
Subtotal 40) AXX2 CTG, CALIBER .50 REDUCED RANGE BALL LINK					-			3.830			2.619			2.822			-			2.822
41) AXX3 CTG 9MM BLANK SINGLE ROUND																				
† 41.1) AXX3 COMPLETE ROUND	A		-	-	-	2.00	50,000	0.100	2.42	54,545	0.132	2.70	54,545	0.147	-	-	-	2.70	54,545	0.147
Subtotal 41) AXX3 CTG 9MM BLANK SINGLE ROUND					-			0.100			0.132			0.147			-			0.147
42) FDTC FIRST DESTINATION TRANSPORTATION																				
42.1) FDTC FIRST DESTINATION TRANSPORTATION	A		-	-	2.133	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 42) FDTC FIRST DESTINATION TRANSPORTATION					2.133			-			-			-			-			-
43) Z203 CTG, 7.62MM X 39 BALL F/AK-47																				
† 43.1) Z203 COMPLETE ROUND	A		-	-	-	-	-	-	0.30	1,370,000	0.411	0.33	1,063,636	0.351	-	-	-	0.33	1,063,636	0.351
Subtotal 43) Z203 CTG, 7.62MM X 39 BALL F/AK-47					-			-			0.411			0.351			-			0.351
44) Z205 CTG, 7.62X54RMM BALL F/ DRAGUNOV PKM																				
† 44.1) Z205 COMPLETE ROUND	A		-	-	-	-	-	-	0.78	2,733,333	2.132	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition					P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition					Aggregated Item Name: Small Arms Ammunition										
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 44) Z205 CTG, 7.62X54RMM BALL F/ DRAGUNOV PKM					-			-			2.132			-			-			-
Total					127.261			73.612			94.681			26.297			-			26.297

Footnotes:

- (1) This corresponds to Army DoDIC AB47.
- (2) This corresponds to Army DoDIC AB47.

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition			P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition						Aggregated Item Name: Small Arms Ammunition			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
3) A017 CTG, 12 GAUGE # 9 SHOT												
3.1) A017 COMPLETE ROUND		2013	OLIN CORPORATION / ILLINOIS	C / FFP	Rock Island Arsenal, IL	Mar 2013	Sep 2013	713,518	0.33	Y		
4) A023 CTG, 12 GAUGE SLUG												
4.1) A023 CTG, 12 GAUGE SLUG		2013	UNKNOWN / UNKNOWN	TBD	NSWC CD, CRANE, IN	Aug 2013	Feb 2014	384,615	0.65	Y		Feb 2013
5) A059 CTG, 5.56MM BALL												
5.1) A059 LOAD, ASSEMBLE AND PACK (LAP) (1)		2011	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2011	Mar 2012	115,501K	0.32	Y		
5.1) A059 LOAD, ASSEMBLE AND PACK (LAP) (1)		2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2012	Oct 2012	78,437,950	0.30	Y		
5.1) A059 LOAD, ASSEMBLE AND PACK (LAP) (1)		2013	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	C / FFP	Rock Island Arsenal, IL	Mar 2013	Oct 2013	79,397,842	0.39	Y		
5.1) A059 LOAD, ASSEMBLE AND PACK (LAP) (1)	✓	2013	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	C / FFP	Rock Island Arsenal, IL	Mar 2013	Oct 2013	8,849,638	0.39	Y		
5.2) A059 LOAD, ASSEMBLE AND PACK (LAP) (2)		2011	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	C / FFP	Rock Island Arsenal, ILRock Island Arsenal, IL	Jul 2011	Sep 2012	7,372,389	0.32	Y		
5.3) A059 BOX METAL M2A1 (EA) (1)		2012	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	May 2012	Jul 2012	94,910	9.40	Y		
5.3) A059 BOX METAL M2A1 (EA) (1)		2013	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	May 2013	Jul 2013	96,069	11.83	Y		
5.3) A059 BOX METAL M2A1 (EA) (1)	✓	2013	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	May 2013	Jul 2013	10,708	11.83	Y		
7) A064 CTG, 5.56MM 4 & 1 LINKED												
7.1) A064 COMPLETE ROUND		2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Apr 2012	Aug 2012	6,689,752	0.44	Y		
9) A080 CTG, 5.56MM BLANK												
9.1) A080 LOAD, ASSEMBLE AND PACK (LAP)		2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Feb 2012	Jul 2012	8,189,282	0.23	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition					Aggregated Item Name: Small Arms Ammunition			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
9.2) A080 BOX METAL M2A1 (EA) (1)		2012	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	May 2012	Jul 2012	7,288	9.40	Y		
11) A112 CTG, 7.62MM BLANK M82												
11.1) A112 LOAD, ASSEMBLE AND PACK (LAP)		2014	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2014	Mar 2015	164,289	0.53	Y		
11.2) A112 BOX METAL M2A2		2014	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2014	Jun 2014	276	12.83	Y		
12) A131 CTG, 7.62MM 4 & 1 LINKED												
12.1) A131 COMPLETE ROUND		2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2012	Oct 2012	1,889,740	0.79	Y		
12.1) A131 COMPLETE ROUND	✓	2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2012	Oct 2012	7,423,935	0.79	Y		
12.1) A131 COMPLETE ROUND		2013	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	C / FFP	Rock Island Arsenal, IL	Mar 2013	Oct 2013	4,721,451	0.98	Y		
12.1) A131 COMPLETE ROUND	✓	2013	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	C / FFP	Rock Island Arsenal, IL	Mar 2013	Oct 2013	3,546,106	0.98	Y		
13) A143 CTG, 7.62MM BALL LINKED												
13.1) A143 COMPLETE ROUND		2013	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	C / FFP	Rock Island Arsenal, IL	Mar 2013	Oct 2013	4,265,100	0.91	Y		
14) A159 CTG 7.62MM DUMMY												
14.1) A159 LOAD, ASSEMBLE AND PACK (LAP)		2014 ⁽³⁾	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	C / FFP	Rock Island Arsenal, IL	Mar 2014	Oct 2014	121,797	0.76	Y		
14.2) A159 BOX METAL M2A2		2014	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	May 2014	Jul 2014	267	12.83	Y		
15) A222 CTG, CAL. 30 BLANKM1909 SGL RD												
15.1) A222 COMPLETE ROUND		2013	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	C / FFP	Rock Island Arsenal, IL	Mar 2013	Oct 2013	389,643	0.72	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition			P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition					Aggregated Item Name: Small Arms Ammunition				
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
15.2) A222 BOX METAL M2A1 (EA) (1)		2013	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	May 2013	Jul 2013	635	11.83	Y		
16) A363 CTG, 9MM BALL												
16.1) A363 LOAD, ASSEMBLE AND PACK (LAP)		2012	OLIN CORPORATION / ILLINOIS	C / FFP	Rock Island Arsenal, IL	Mar 2012	Sep 2012	10,633,243	0.17	Y		
16.1) A363 LOAD, ASSEMBLE AND PACK (LAP)	✓	2012	OLIN CORPORATION / ILLINOIS	C / FFP	Rock Island Arsenal, IL	Mar 2012	Sep 2012	502,013	0.17	Y		
16.1) A363 LOAD, ASSEMBLE AND PACK (LAP)	✓	2013	OLIN CORPORATION / ILLINOIS	C / FFP	Rock Island Arsenal, IL	Mar 2013	Sep 2013	115,417	0.17	Y		
16.2) A363 BOX METAL M2A1 (EA) (1)		2012	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	May 2012	Jul 2012	10,740	9.40	Y		
16.2) A363 BOX METAL M2A1 (EA) (1)	✓	2012	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	May 2012	Jul 2012	507	9.40	Y		
16.2) A363 BOX METAL M2A1 (EA) (1)	✓	2013	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	May 2013	Jul 2013	117	11.83	Y		
18) A483 CTG CAL .45 MATCH GRADE												
18.1) A483 LOAD, ASSEMBLE AND PACK (LAP)		2014	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Mar 2014	Sep 2014	241,016	0.59	Y		
18.2) A483 BOX METAL M2A2		2014	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	May 2014	Jul 2014	243	12.83	Y		
19) A552 CTG CAL .50 GRADE AC BALL												
19.1) A552 LOAD, ASSEMBLE AND PACK (LAP)		2014	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	C / FFP	Rock Island Arsenal, IL	Mar 2014	Oct 2014	259,378	1.86	Y		
19.2) A552 BOX METAL M2A2		2014	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	May 2014	Jul 2014	2,179	12.83	Y		
20) A576 CTG, CAL .50 4 & 1 LINKED												
20.1) A576 LOAD, ASSEMBLE, AND PACK (LAP)		2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2012	Oct 2012	2,342,208	2.75	Y		
20.1) A576 LOAD, ASSEMBLE, AND PACK (LAP)	✓	2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2012	Oct 2012	5,689,582	2.30	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition					Aggregated Item Name: Small Arms Ammunition			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
20.1) A576 LOAD, ASSEMBLE, AND PACK (LAP)		2013	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	C / FFP	Rock Island Arsenal, IL	Mar 2013	Mar 2014	4,832,710	3.16	Y		
20.1) A576 LOAD, ASSEMBLE, AND PACK (LAP)	✓	2013	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	C / FFP	Rock Island Arsenal, IL	Mar 2013	Mar 2014	1,177,324	3.16	Y		
20.1) A576 LOAD, ASSEMBLE, AND PACK (LAP)		2014	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	C / FFP	Rock Island Arsenal, IL	Mar 2014	Oct 2014	234,635	1.98	Y		
20.2) A576 BOX METAL M2A1 (1)		2012	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	May 2012	Jul 2012	23,891	9.42	Y		
20.2) A576 BOX METAL M2A1 (1)	✓	2012	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	May 2012	Jul 2012	58,034	9.41	Y		
20.2) A576 BOX METAL M2A1 (1)		2013	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	May 2013	Jul 2013	49,294	11.83	Y		
20.2) A576 BOX METAL M2A1 (1)	✓	2013	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	May 2013	Jul 2013	12,009	11.83	Y		
20.3) A576 BOX METAL M2A2		2014	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, ILRock Island Arsenal, IL	May 2014	Jul 2014	2,393	12.83	Y		
21) A598 CTG, CAL .50 BLANK LINKED M2												
21.1) A598 LOAD, ASSEMBLE AND PACK (LAP)		2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Mar 2012	Oct 2012	545,045	1.72	Y		
21.2) A598 BOX METAL M2A1 (EA) (1)		2012	BWAY CORPORATION / ATLANTA, GA	C / FFP	Rock Island Arsenal, IL	May 2012	Jul 2012	5,559	9.41	Y		
22) AA02 CTG, 5.56MM 4 AP M995/ 1 TRACER M856												
22.1) AA02 LOAD, ASSEMBLE, AND PACK (LAP)	✓	2011	NAMMO VANASVERKEN / KARLSBORG, SWEDEN	C / FFP	Rock Island Arsenal, IL	Aug 2011	Aug 2012	522,962	1.59	Y		
23) AA03 CTG, 7.62MM M993 ARMOR PIERCING (AP)												
23.1) AA03 COMPLETE ROUND	✓	2011	NAMMO VANASVERKEN / KARLSBORG, SWEDEN	C / FFP	Rock Island Arsenal, IL	Aug 2011	Aug 2012	734,715	2.56	Y		
24) AA04 CTG, 7.62MM 4 AP M995 TP 1 TRACER												

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition					Aggregated Item Name: Small Arms Ammunition			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
24.1) AA04 LOAD, ASSEMBLE, AND PACK (LAP)	✓	2011	NAMMO VANASVERKEN / KARLSBORG, SWEDEN	C / FFP	Rock Island Arsenal, IL	Mar 2011	Mar 2012	179,729	2.24	Y		
25) AA11 CTG, 7.62MM BALL LONG RANGE												
25.1) AA11 LOAD, ASSEMBLE AND PACK (LAP)		2010	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Jul 2011	May 2012	2,293,023	0.86	Y		
25.1) AA11 LOAD, ASSEMBLE AND PACK (LAP)		2011	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Jul 2011	Jul 2012	411,736	0.98	Y		
25.1) AA11 LOAD, ASSEMBLE AND PACK (LAP)	✓	2011	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	Rock Island Arsenal, IL	Jul 2011	Jun 2012	1,744,716	0.98	Y		
26) AA12 CTG, 9MM SESAMS (RED)												
26.1) AA12 COMPLETE ROUND		2013	UNKNOWN / UNKNOWN	C / FFP	MCSC, QUANTICO, VA	Aug 2013	Feb 2014	1,359,459	0.37	Y		
27) AA16 CTG 9MM FRANGIBLE												
27.1) AA16 COMPLETE ROUND		2014	UNKNOWN / UNKNOWN	C / TBD	NSWC CD, CRANE, IN	Oct 2013	May 2014	917,391	0.23	Y		
28) AA21 CTG, 9MM SESAMS (BLUE)												
28.1) AA21 COMPLETE ROUND		2013	UNKNOWN / UNKNOWN	C / FFP	MCSC, QUANTICO, VA	Aug 2013	Feb 2014	2,180,556	0.36	Y		
29) AA40 CTG, 5.56MM JACKETED FRANGIBLE												
29.1) AA40 COMPLETE ROUND		2012	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CD, CRANE, IN	Jan 2012	Jul 2012	3,030,303	0.33	Y		
29.1) AA40 COMPLETE ROUND		2013	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CD, CRANE, IN	Mar 2013	Sep 2013	297,059	0.34	Y		
31) AA54 CTG, DOOR BREACHING												
31.1) AA54 COMPLETE ROUND		2013	UNKNOWN / UNKNOWN	C / FFP	Rock Island Arsenal, IL	Apr 2013	Nov 2013	167,859	2.36	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition					Aggregated Item Name: Small Arms Ammunition			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
32) AA67 CTG 5.56MM MOLY COATED (77GR)												
32.1) AA67 COMPLETE ROUND		2014	UNKNOWN / UNKNOWN	C / TBD	NSWC CD, CRANE, IN	Oct 2013	May 2014	175,000	0.57	Y		
33) AA68 CTG, 5.56MM SR TRAIN M862												
33.1) AA68 COMPLETE ROUND		2013 ⁽⁴⁾	UNKNOWN / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Jul 2013	May 2014	142,879	1.89	Y		
34) AA91 CTG 5.56MM MK289-0 FX MKG BLUE												
34.1) AA91 COMPLETE ROUND		2012	UNKNOWN / UNKNOWN	C / FFP	MCSC, QUANTICO, VA	Aug 2013	Feb 2014	4,808,000	0.50	Y		
34.1) AA91 COMPLETE ROUND		2013	UNKNOWN / UNKNOWN	C / FFP	MCSC, QUANTICO, VA	Aug 2013	Feb 2014	2,049,091	0.55	Y		
34.1) AA91 COMPLETE ROUND		2014	UNKNOWN / UNKNOWN	C / FFP	MCSC, QUANTICO, VA	Jan 2014	Jul 2014	1,789,474	0.57	Y		
35) AA92 CTG, 5.56MM FX RED MKG LKD												
35.1) AA92 COMPLETE ROUND		2013	UNKNOWN / UNKNOWN	C / FFP	MCSC, QUANTICO, VA	Aug 2013	Feb 2014	2,125,455	0.55	Y		
35.1) AA92 COMPLETE ROUND		2014	UNKNOWN / UNKNOWN	C / FFP	MCSC, QUANTICO, VA	Jan 2014	Jul 2014	1,812,281	0.57	Y		
36) AB05 CTG, 5.56MM ORANGE MKG SNGL RD												
36.1) AB05 COMPLETE ROUND		2013	UNKNOWN / UNKNOWN	C / FFP	MCSC, QUANTICO, VA	Aug 2013	Feb 2014	3,738,182	0.55	Y		
36.1) AB05 COMPLETE ROUND		2014	UNKNOWN / UNKNOWN	C / FFP	MCSC, QUANTICO, VA	Jan 2014	Jul 2014	4,829,825	0.57	Y		
37) AB06 CTG, 5.56MM FX RED MKG SGL RD												

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition					Aggregated Item Name: Small Arms Ammunition			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
37.1) AB06 COMPLETE ROUND		2013	UNKNOWN / UNKNOWN	C / FFP	MCSC, QUANTICO, VA	Aug 2013	Feb 2014	4,512,727	0.55	Y		
37.1) AB06 COMPLETE ROUND		2014	UNKNOWN / UNKNOWN	C / FFP	MCSC, QUANTICO, VA	Jan 2014	Jul 2014	3,610,526	0.57	Y		
39) AXX1 CTG, CALIBER .50 REDUCED RANGE 4 BALL/1												
†39.1) AXX1 COMPLETE ROUND		2012	GENERAL DYNAMICS / MONTREAL, CN	C / FFP	NSWC CD, CRANE, IN	Jan 2013	Jul 2013	842,105	4.75	Y		
†39.1) AXX1 COMPLETE ROUND		2013	GENERAL DYNAMICS / MONTREAL, CN	C / FFP	NSWC CD, CRANE, IN	Jan 2013	Jul 2013	2,240,286	4.89	Y		
†39.1) AXX1 COMPLETE ROUND		2014	GENERAL DYNAMICS / MONTREAL, CN	C / FFP	NSWC CD, CRANE, IN	Jan 2014	Jul 2014	2,947,853	4.89	Y		
40) AXX2 CTG, CALIBER .50 REDUCED RANGE BALL LINK												
40.1) AXX2 COMPLETE ROUND		2012	GENERAL DYNAMICS / MONTREAL, CN	C / FFP	NSWC CD, CRANE, IN	Jan 2013	Jul 2013	830,803	4.61	Y		
40.1) AXX2 COMPLETE ROUND		2013	GENERAL DYNAMICS / MONTREAL, CN	C / FFP	NSWC CD, CRANE, IN	Jan 2013	Jul 2013	563,226	4.65	Y		
40.1) AXX2 COMPLETE ROUND		2014	GENERAL DYNAMICS / MONTREAL, CN	C / FFP	NSWC CD, CRANE, IN	Jan 2014	Jul 2014	604,283	4.67	Y		
41) AXX3 CTG 9MM BLANK SINGLE ROUND												
41.1) AXX3 COMPLETE ROUND		2012	UNKNOWN / UNKNOWN	C / TBD	MCSC, QUANTICO, VA	Dec 2012	Jun 2013	50,000	2.00	Y		
41.1) AXX3 COMPLETE ROUND		2013	UNKNOWN / UNKNOWN	C / TBD	MCSC, QUANTICO, VA	Jan 2013	Jul 2013	54,545	2.42	Y		
41.1) AXX3 COMPLETE ROUND		2014	UNKNOWN / UNKNOWN	C / TBD	MCSC, QUANTICO, VA	Jan 2014	Jul 2014	54,545	2.70	Y		
43) Z203 CTG, 7.62MM X 39 BALL F/AK-47												
43.1) Z203 COMPLETE ROUND		2013	TAOS INDUSTRIES / HUNTSVILLE, AL	C / BPA	NSA, PEO, PICATINNEY, NJ	Mar 2013	Sep 2013	1,370,000	0.30	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition			P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition					Aggregated Item Name: Small Arms Ammunition				
Items († indicates the presence of a P-21)	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
43.1) Z203 COMPLETE ROUND		2014	TAOS INDUSTRIES / HUNTSVILLE, AL	C / TBD	NSA, PEO, PICATINNEY, NJ	Oct 2013	Apr 2014	1,063,636	0.33	N		
44) Z205 CTG, 7.62X54RMM BALL F/DRAGUNOV PKM												
44.1) Z205 COMPLETE ROUND		2013	TAOS INDUSTRIES / HUNTSVILLE, AL	C / TBD	NSA, PEO, PICATINNEY, NJ	Mar 2013	Sep 2013	2,733,333	0.78	Y		
Footnotes: (3) This corresponds to Army DoDIC AB47. (4) This corresponds to Army DoDIC AB66.												

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																								Date: April 2013											
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition										P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition														Aggregated Item Name: Small Arms Ammunition											
Items <i>(Units in Thousands)</i>							Fiscal Year 2011														Fiscal Year 2012														
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2010	BAL DUE AS OF 1 OCT	Calendar Year 2011														Calendar Year 2012														BAL
							O C T	N O V	D E C	J A N	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					
39) AXX1 CTG, CALIBER .50 REDUCED RANGE 4 BALL/1																																			
39.1) AXX1 COMPLETE ROUND																																			
	1	2012	NAVY	842.105	-	842.105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	842.105				
	1	2013	NAVY	2,240.286	-	2,240.286	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,240.286				
	1	2014	NAVY	2,947.853	-	2,947.853	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,947.853				
							O C T	N O V	D E C	J A N	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				

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																								Date: April 2013													
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition										P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition														Aggregated Item Name: Small Arms Ammunition													
Items <i>(Units in Thousands)</i>							Fiscal Year 2013												Fiscal Year 2014																		
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013																		Calendar Year 2014												
							O C T	N O V	D E C	J A N	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						
39) AXX1 CTG, CALIBER .50 REDUCED RANGE 4 BALL/1																																					
39.1) AXX1 COMPLETE ROUND																																					
	1	2012	NAVY	842.105	-	842.105	-	-	-	A -	-	-	-	-	-	400.000	442.105																-				
	1	2013	NAVY	2,240.286	-	2,240.286	-	-	-	A -	-	-	-	-	-	200.000	200.000	200.000	180.000	180.000	180.000	180.000	180.000	180.000	180.000	200.286						-					
	1	2014	NAVY	2,947.853	-	2,947.853	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	319.000	319.000	319.000	990.853							
							O C T	N O V	D E C	J A N	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						

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition										P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition													Aggregated Item Name: Small Arms Ammunition										
Items <i>(Units in Thousands)</i>							Fiscal Year 2015													Fiscal Year 2016													
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015													Calendar Year 2016													
							O C T	N O V	D E C	J A N	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		
39) AXX1 CTG, CALIBER .50 REDUCED RANGE 4 BALL/1																																	
39.1) AXX1 COMPLETE ROUND																																	
	1	2012	NAVY	842.105	842.105	-																							-				
	1	2013	NAVY	2,240.286	240.286	-																							-				
	1	2014	NAVY	2,947.853	957.000	990.853	310.000	210.000	210.000	210.000	210.000	210.000	210.000	210.000	210.853	O C T	N O V	D E C	J A N	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					

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition	P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition	Aggregated Item Name: Small Arms Ammunition

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	GENERAL DYNAMICS - MONTREAL, CN	100.000	200.000	1,000.000	6	3	9	12	6	3	6	9

"A" in the Delivery Schedule indicated the Contract Award Date.
Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition										P-1 Line Item Nomenclature: 1030 - Linear Charges, All Types										
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:												
MDAP/MAIS Code(s):																				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total								
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost (<i>\$ in Millions</i>)	53.058	29.182	34.585	6.088	-	6.088	5.000	6.088	1.088	1.089	Continuing	Continuing								
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) (<i>\$ in Millions</i>)	53.058	29.182	34.585	6.088	-	6.088	5.000	6.088	1.088	1.089	Continuing	Continuing								
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority (<i>\$ in Millions</i>)	53.058	29.182	34.585	6.088	-	6.088	5.000	6.088	1.088	1.089	Continuing	Continuing								
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The Linear Charge Family consists of demolition systems capable of defeating the enemy's counter mobility efforts. The Mine Clearing Linear Charge (MICLIC) provides a clear path, up to 15 yards wide by 109 yards long, for combat vehicles during minefield and barrier-breaching operations. They are effective against single-impulse, pressure-type, non-blast-hardened anti-tank mines and mechanically actuated anti-personnel mines. The Mk22, a 5-inch rocket motor, is used to propel the MICLIC over the minefield. The Anti-Personnel Obstacle Breaching System (APOBS) provides the Marine Corps with an improved, lightweight, man-portable capability to quickly breach anti-personnel minefields and wire obstacles. The APOBS requires less than two minutes to set up and deploy and is launched from a standoff of about 35 yards in front of the leading edge of the obstacle or minefield. The system is designed to clear a footpath through anti-personnel minefields and wire obstacles up to 45 yards long and 2 yards wide during combat operations. The APOBS is a self-contained, one-shot expendable system that is transported in two backpacks, each weighing approximately 60 pounds, and deployed by a two-man team. APOBS uses the Mk126 Mod 1 rocket motor to propel a line charge over the obstacle, after which the line charge will detonate following an eight-second delay, clearing the obstacle or anti-personnel minefield.																				
Item Schedule		Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Linear Charges, All Types	P40A, P5A, P21				53.058			29.182			34.585			6.088			-			6.088
Total Gross/Weapon System Cost					53.058			29.182			34.585			6.088			-			6.088
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		P-1 Line Item Nomenclature: 1030 - Linear Charges, All Types
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
Justification: FY 2012 Base Appropriation Request: \$17.660M. \$0.649M is to procure and support the 5" rocket motor, \$1.202M is to procure the linear demo high explosive charge, \$15.809M is to support the anti-personnel obstacle breaching system (APOBS). All of these items are in the training and combat requirements that have been identified in the Total Munitions Requirement (TMR). FY 2012 Overseas Contingency Operations (OCO) Request: \$11.522M is to procure the linear demo high explosive charge that has been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures. FY 2013 Base Appropriation Request: \$11.635M is to procure the linear demo high explosive charge and \$13.010M is to support the anti-personnel obstacle breaching system (APOBS). All of these items are in the training and combat requirements that have been identified in the Total Munitions Requirement (TMR). FY 2013 Overseas Contingency Operations (OCO) Request: \$9.940M. \$4.970M is to procure the linear demo high explosive charge and \$4.970M is to support the anti-personnel obstacle breaching system (APOBS) that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures. FY 2014 Base Appropriation Request: \$5.000M is to support the linear demo high explosive charge and \$1.088M is to support the anti-personnel obstacle breaching system (APOBS). All these items are in the training and combat requirements that have been identified in the Total Munitions Requirement (TMR).		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition								P-1 Line Item Nomenclature: 1030 - Linear Charges, All Types							Aggregated Item Name: Linear Charges, All Types					
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) J143 RCKTMTR, 5IN MK22 MOD 4 F MICLIC																				
† 1.1) J143 LOAD, ASSEMBLE, PACK (LAP)	A		10,666.67	51	0.544	11,385.34	46	0.523	-	-	-	-	-	-	-	-	-	-	-	-
† 1.2) J143 PROPELLANT N-5	A		-	-	-	31.33	3,224	0.101	-	-	-	-	-	-	-	-	-	-	-	-
† 1.3) J143 EC INHIBITING TAPE	A		-	-	-	42.96	121	0.005	-	-	-	-	-	-	-	-	-	-	-	-
1.4) J143 PRODUCTION SUPPORT			-	-	0.006	-	-	0.012	-	-	-	-	-	-	-	-	-	-	-	-
1.5) J143 REMAINDER	A		-	-	-	-	-	0.008	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) J143 RCKTMTR, 5IN MK22 MOD 4 F MICLIC							0.550			0.649			-			-				-
2) M913 CHG DEMO LINEAR M58 SERIES A4																				
† 2.1) M913 LOAD, ASSEMBLE, PACK (LAP)	A		18,226.54	309	5.632	23,450.26	240	5.628	24,974.76	228	5.694	26,655.44	71	1.893	-	-	-	26,655.44	71	1.893
† 2.2) M913 COMP C-4 CLASS 3	A		17.46	572,176	9.993	15.64	444,438	6.951	23.92	422,325	10.102	21.93	131,464	2.883	-	-	-	21.93	131,464	2.883
† 2.3) M913 FUZE ELECTRIC M113A4	A		834.95	309	0.258	-	-	-	2,856.87	228	0.651	2,870.46	71	0.204	-	-	-	2,870.46	71	0.204
† 2.4) M913 FUZE ELECTRIC M113A4 GFM	A		-	-	-	2,542.26	240	0.610	-	-	-	-	-	-	-	-	-	-	-	-
2.5) M913 PRODUCTION SUPPORT			-	-	0.247	-	-	0.099	-	-	0.067	-	-	-	-	-	-	-	-	-
2.6) M913 NONRECURRING (GFM)	A		-	-	0.017	-	-	-0.578	-	-	-	-	-	-	-	-	-	-	-	-
2.7) M913 REMAINDER	A		-	-	0.038	-	-	0.014	-	-	0.091	-	-	0.020	-	-	-	-	-	0.020
Subtotal 2) M913 CHG DEMO LINEAR M58 SERIES A4							16.185			12.724			16.605			5.000				5.000
3) ML 25 CHG DEMO FLEX LINEAR																				
3.1) ML25 LOAD, ASSEMBLE, PACK	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) ML 25 COMP C-4	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							P-1 Line Item Nomenclature: 1030 - Linear Charges, All Types								Aggregated Item Name: Linear Charges, All Types					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
3.3) ML25 FUZE ELECTRIC M113A4	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.4) ML25 REMAINDER	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) ML 25 CHG DEMO FLEX LINEAR					0.000			-			-			-			-			-
4) MN79 ANTI-PERS OBSTACLE BREACHING SYSTEM																				
† 4.1) MN79 COMPLETE ROUND	A		10,410.61	3,451	35.927	8,705.00	1,814	15.791	9,511.02	1,888	17.957	17,454.53	61	1.065	-	-	-	17,454.53	61	1.065
4.2) MN79 PRODUCTION SUPPORT			-	-	0.389	-	-	0.016	-	-	0.009	-	-	0.019	-	-	-	-	-	0.019
4.3) MN79 REMAINDER	A		-	-	0.007	-	-	0.002	-	-	0.014	-	-	0.004	-	-	-	-	-	0.004
Subtotal 4) MN79 ANTI- PERS OBSTACLE BREACHING SYSTEM					36.323			15.809			17.980			1.088			-			1.088
Total					53.058			29.182			34.585			6.088			-			6.088

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1030 - Linear Charges, All Types					Aggregated Item Name: Linear Charges, All Types			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) J143 RCKTMTR, 5IN MK22 MOD 4 F MICLIC												
1.1) J143 LOAD, ASSEMBLE, PACK (LAP)		2012	Naval Surface Warfare Center / Indian Head, MD	SS / FFP	ROCK ISLAND ARSENAL	Mar 2012	Sep 2013	46	11,385.34	Y		
1.2) J143 PROPELLANT N-5		2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Jun 2013	3,224	31.33	Y		
1.3) J143 EC INHIBITING TAPE		2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Jun 2013	121	42.96	Y		
2) M913 CHG DEMO LINEAR M58 SERIES A4												
†2.1) M913 LOAD, ASSEMBLE, PACK (LAP)		2010	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / IDIQ	ROCK ISLAND ARSENAL	Aug 2011	Aug 2013	31	17,670.30	Y		
†2.1) M913 LOAD, ASSEMBLE, PACK (LAP)		2011	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL	Aug 2011	Aug 2013	174	18,654.45	Y		
†2.1) M913 LOAD, ASSEMBLE, PACK (LAP)		2012	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Sep 2013	21	23,450.26	Y		
†2.1) M913 LOAD, ASSEMBLE, PACK (LAP)	✓	2012	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Sep 2013	219	23,450.26	Y		
†2.1) M913 LOAD, ASSEMBLE, PACK (LAP)		2013	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Sep 2014	160	24,974.76	Y		
†2.1) M913 LOAD, ASSEMBLE, PACK (LAP)	✓	2013	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Sep 2014	68	24,974.76	Y		
†2.1) M913 LOAD, ASSEMBLE, PACK (LAP)		2014	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	May 2014	May 2016	71	26,655.44	Y		
2.2) M913 COMP C-4 CLASS 3		2010	BAE ORDNANCE SYSTEMS / KINDSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL	Apr 2010	Jan 2011	57,408	20.99	Y		
2.2) M913 COMP C-4 CLASS 3		2011	BAE ORDNANCE SYSTEMS / KINDSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL	Sep 2011	Jul 2012	322,200	14.73	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition			P-1 Line Item Nomenclature: 1030 - Linear Charges, All Types						Aggregated Item Name: Linear Charges, All Types			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2.2) M913 COMP C-4 CLASS 3		2012	BAE ORDNANCE SYSTEMS / KINDSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL	Mar 2012	Jul 2013	38,875	15.64	Y		
2.2) M913 COMP C-4 CLASS 3	✓	2012	BAE ORDNANCE SYSTEMS / KINDSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL	Mar 2012	Jul 2013	405,563	15.64	Y		
2.2) M913 COMP C-4 CLASS 3		2013	BAE ORDNANCE SYSTEMS / KINDSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL	Apr 2013	Jan 2014	296,363	23.92	Y		
2.2) M913 COMP C-4 CLASS 3	✓	2013	BAE ORDNANCE SYSTEMS / KINDSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL	Apr 2013	Jan 2014	125,962	23.92	Y		
2.2) M913 COMP C-4 CLASS 3		2014	BAE ORDNANCE SYSTEMS / KINDSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL	Apr 2014	Jan 2015	131,464	21.93	N	Jan 2015	
2.3) M913 FUZE ELECTRIC M113A4		2010	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	MIPR	ROCK ISLAND ARSENAL	Aug 2011	Oct 2012	31	1,256.93	Y		
2.3) M913 FUZE ELECTRIC M113A4	✓	2010	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	MIPR	ROCK ISLAND ARSENAL	Aug 2011	Oct 2012	104	1,256.93	Y		
2.3) M913 FUZE ELECTRIC M113A4		2011	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	MIPR	ROCK ISLAND ARSENAL	Aug 2011	Aug 2013	174	1,256.93	Y		
2.3) M913 FUZE ELECTRIC M113A4		2013	TO BE SELECTED / UNKNOWN	SS / FFP	ROCK ISLAND ARSENAL	May 2013	Mar 2014	160	2,856.87	Y		
2.3) M913 FUZE ELECTRIC M113A4	✓	2013	TO BE SELECTED / UNKNOWN	SS / FFP	ROCK ISLAND ARSENAL	May 2013	Mar 2014	68	2,856.87	Y		
2.3) M913 FUZE ELECTRIC M113A4		2014	TO BE SELECTED / UNKNOWN	SS / FFP	ROCK ISLAND ARSENAL	Jan 2014	Mar 2015	71	2,870.46	N		
2.4) M913 FUZE ELECTRIC M113A4 GFM		2012	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	MIPR	ROCK ISLAND ARSENAL	Oct 2011	Oct 2011	21	2,542.26	Y		
2.4) M913 FUZE ELECTRIC M113A4 GFM	✓	2012	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	MIPR	ROCK ISLAND ARSENAL	Oct 2011	Oct 2011	219	2,542.26	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy								Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1030 - Linear Charges, All Types				Aggregated Item Name: Linear Charges, All Types				
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
4) MN79 ANTI-PERS OBSTACLE BREACHING SYSTEM												
4.1) MN79 COMPLETE ROUND		2010	CHEMRING ORDNANCE, INC. / PERRY,FL	C / FFP	ROCK ISLAND ARSENAL	Jun 2011	Dec 2012	1,627	12,591.27	Y		
4.1) MN79 COMPLETE ROUND		2011	CHEMRING ORDNANCE, INC. / PERRY,FL	C / FFP	ROCK ISLAND ARSENAL	Jun 2011	Dec 2012	795	8,550.00	Y		
4.1) MN79 COMPLETE ROUND	✓	2011	CHEMRING ORDNANCE, INC. / PERRY,FL	C / FFP	ROCK ISLAND ARSENAL	Jun 2011	Dec 2012	1,029	8,400.00	Y		
4.1) MN79 COMPLETE ROUND		2012	CHEMRING ORDNANCE, INC. / PERRY,FL	C / FFP	ROCK ISLAND ARSENAL	Aug 2012	Sep 2013	1,814	8,705.00	Y		
4.1) MN79 COMPLETE ROUND		2013	CHEMRING ORDNANCE, INC. / PERRY,FL	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Sep 2014	1,366	9,511.02	Y		
4.1) MN79 COMPLETE ROUND	✓	2013	CHEMRING ORDNANCE, INC. / PERRY,FL	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Sep 2014	522	9,511.02	Y		
4.1) MN79 COMPLETE ROUND		2014	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	May 2014	May 2016	61	17,454.53	Y		

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition										P-1 Line Item Nomenclature: 1030 - Linear Charges, All Types													Aggregated Item Name: Linear Charges, All Types										
Items <i>(Units in Each)</i>							Fiscal Year 2010												Fiscal Year 2011														
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2009	BAL DUE AS OF 1 OCT	Calendar Year 2010												Calendar Year 2011												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			
2) M913 CHG DEMO LINEAR M58 SERIES A4																																	
2.1) M913 LOAD, ASSEMBLE, PACK (LAP)																																	
All Prior Years Deliveries: 104																																	
	2	2010	NAVY	31	-	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	31		
	2	2011	NAVY	174	-	174	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	174		
	2	2012	NAVY	21	-	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21		
✓	2	2012	NAVY	219	-	219	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	219		
	2	2013	NAVY	160	-	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	160		
✓	2	2013	NAVY	68	-	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68		
	3	2014	NAVY	71	-	71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71		
							O C T	N O V	D E C	J A N	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		

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																								Date: April 2013											
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition										P-1 Line Item Nomenclature: 1030 - Linear Charges, All Types														Aggregated Item Name: Linear Charges, All Types											
Items <i>(Units in Each)</i>							Fiscal Year 2012												Fiscal Year 2013																
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012																Calendar Year 2013												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					
2) M913 CHG DEMO LINEAR M58 SERIES A4																																			
2.1) M913 LOAD, ASSEMBLE, PACK (LAP)																																			
All Prior Years Deliveries: 104																																			
	2	2010	NAVY	31	-	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	11				
	2	2011	NAVY	174	-	174	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	75	55				
	2	2012	NAVY	21	-	21	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-				
✓	2	2012	NAVY	219	-	219	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	165				
	2	2013	NAVY	160	-	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	160				
✓	2	2013	NAVY	68	-	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	68				
	3	2014	NAVY	71	-	71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71				
							O C T	N O V	D E C	J A N	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				

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013											
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition										P-1 Line Item Nomenclature: 1030 - Linear Charges, All Types													Aggregated Item Name: Linear Charges, All Types											
Items <i>(Units in Each)</i>							Fiscal Year 2014													Fiscal Year 2015														
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014													Calendar Year 2015													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				
2) M913 CHG DEMO LINEAR M58 SERIES A4																																		
2.1) M913 LOAD, ASSEMBLE, PACK (LAP)																																		
All Prior Years Deliveries: 104																																		
	2	2010	NAVY	31	20	11	11																											-
	2	2011	NAVY	174	119	55	55																											-
	2	2012	NAVY	21	21	-																											-	
✓	2	2012	NAVY	219	54	165	75	75	15																									-
	2	2013	NAVY	160	-	160	-	-	-	-	-	-	-	-	-	-	25	25	28	38	38	6											-	
✓	2	2013	NAVY	68	-	68	-	-	-	-	-	-	-	-	-	-	25	25	18															-
	3	2014	NAVY	71	-	71	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71			
							O C T	N O V	D E C	J A N	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			

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013												
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition										P-1 Line Item Nomenclature: 1030 - Linear Charges, All Types										Aggregated Item Name: Linear Charges, All Types												
Items (Units in Each)							Fiscal Year 2016										Fiscal Year 2017															
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016										Calendar Year 2017										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	
2) M913 CHG DEMO LINEAR M58 SERIES A4																																
2.1) M913 LOAD, ASSEMBLE, PACK (LAP)																																
All Prior Years Deliveries: 104																																
	2	2010	NAVY	31	31	-																										-
	2	2011	NAVY	174	174	-																										-
	2	2012	NAVY	21	21	-																										-
✓	2	2012	NAVY	219	219	-																										-
	2	2013	NAVY	160	160	-																										-
✓	2	2013	NAVY	68	68	-																										-
	3	2014	NAVY	71	-	71	-	-	-	-	-	-	-	71	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	

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition	P-1 Line Item Nomenclature: 1030 - Linear Charges, All Types	Aggregated Item Name: Linear Charges, All Types

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	AMERICAN ORDNANCE - MIDDLETOWN, IA	25.00	75.00	100.00	8	8	24	32	6	6	18	24
2	TO BE SELECTED - UNKNOWN	25.00	75.00	100.00	8	8	24	32	6	6	18	24

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							P-1 Line Item Nomenclature: 1050 - 40 MM, All Types					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	218.042	102.020	22.164	7.644	-	7.644	7.644	7.644	7.644	7.643	-	380.445
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	218.042	102.020	22.164	7.644	-	7.644	7.644	7.644	7.644	7.643	-	380.445
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	218.042	102.020	22.164	7.644	-	7.644	7.644	7.644	7.644	7.643	-	380.445
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The family of 40mm cartridges consists of low velocity single cartridges designed to be fired from the M203 and M32 grenade launchers, and high velocity linked cartridges designed to be fired from the MK19 grenade machine gun. Cartridges fired from the M203 and M32 grenade launchers include signaling and marking rounds, a CS round (o-chlorobenzamalono-nitrile), training and practice rounds, and a light armor piercing and anti-personnel dual purpose round. Cartridges fired from the MK19 grenade machine gun include a light armor piercing and anti-personnel dual purpose round and a day/night training round.												

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
40 MM, All Types	P40A, P5A, P21				218.042			102.020			22.164			7.644			-			7.644
Total Gross/Weapon System Cost					218.042			102.020			22.164			7.644			-			7.644

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
 FY 2012 Base Appropriation \$80.511M: \$.300M was provided for First Destination Transportation; \$.147M was provided to fund the Single Manager for Conventional Ammunition engineering support for Cartridge, 40mm Yellow Smoke Single; \$.154M was provided to procure Cartridge, 40mm Illumination White Star Parachute Single; \$30.383M was used to procure Cartridge, 40mm High Explosive Dual

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		P-1 Line Item Nomenclature: 1050 - 40 MM, All Types
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s): <p>Purpose Linked; \$13.745M was used to procure Cartridge, 40mm High Explosive Dual Purpose Single; \$15.000M was used to procure the Cartridge, 40mm Day/Night Target Practice Linked; and \$18.782M was used to procure Cartridge, 40mm Day/Night Target Practice Single. All of these items are in the training and combat requirements that have been identified in the Total Munitions Requirement (TMR).</p> <p>FY 2012 Overseas Contingency Operations (OCO): \$21.509M; \$17.509M was used to procure Cartridge, 40mm High Explosive Dual Purpose Linked and \$4.000M was used to procure Cartridge, 40mm Day/Night Target Practice Single that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures.</p> <p>FY 2013 Base Appropriation: \$16.201M will be used to procure Cartridge, 40mm High Explosive Dual Purpose Linked. All of these items are in the training and combat requirements that have been identified in the Total Munitions Requirement (TMR).</p> <p>FY 2013 Overseas Contingency Operations (OCO): \$5.963M will be used to procure Cartridge, 40mm High Explosive Dual Purpose Linked that has been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures.</p> <p>FY 2014 Base Appropriation: \$7.644M will be used for procuring the Cartridge, 40mm Day/Night Target Practice Single. All of these items are in the training and combat requirements that have been identified in the Total Munitions Requirement (TMR).</p>		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition								P-1 Line Item Nomenclature: 1050 - 40 MM, All Types								Aggregated Item Name: 40 MM, All Types				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) FDTC																				
1.1) FDTC Baseline	A		-	-	-	-	-	0.300	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 1) FDTC</i>					-			0.300			-			-			-			-
2) B508, CTG, 40MM GREEN SMOKE GROUND M715																				
2.1) B508 LOAD, ASSEMBLE, AND PACK	A		98.53	6,313	0.622	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2) B508 PRODUCTION ENGINEERING			-	-	0.084	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.3) B508 QUALITY ASSURANCE			-	-	0.008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 2) B508, CTG, 40MM GREEN SMOKE GROUND M715</i>					0.714			-			-			-			-			-
3) B509, CTG, 40MM YELLOW SMOKE GROUND M716																				
3.1) B509 UNECONOMICAL BUY	A		-	-	-	-	-	0.147	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 3) B509, CTG, 40MM YELLOW SMOKE GROUND M716</i>					-			0.147			-			-			-			-
4) B519, CTG, 40MM PRACTICE SNGL M781																				
4.1) B519 LOAD, ASSEMBLE, AND PACK C1	A		3.71	874,876	3.244	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2) B519 LOAD, ASSEMBLE, AND PACK C2	A		3.63	950,210	3.447	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.3) B519 PRODUCTION ENGINEERING			-	-	0.782	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.4) B519 QUALITY ENGINEERING			-	-	0.009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) B519, CTG, 40MM PRACTICE SNGL M781</i>					7.482			-			-			-			-			-
5) B535, CTG, 40MM WHITE STAR PARACHUTE M583A1																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition								P-1 Line Item Nomenclature: 1050 - 40 MM, All Types							Aggregated Item Name: 40 MM, All Types					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 5.1) B535 LOAD, ASSEMBLE, AND PACK C2	A		43.57	220,658	9.614	45.89	37,939	1.741	-	-	-	-	-	-	-	-	-	-	-	-
5.2) B535 PRODUCTION ENGINEERING			-	-	0.952	-	-	0.408	-	-	-	-	-	-	-	-	-	-	-	-
5.3) B535 QUALITY ASSURANCE			-	-	0.016	-	-	0.005	-	-	-	-	-	-	-	-	-	-	-	-
5.4) B535 EPA	A		-	-	0.003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) B535, CTG, 40MM WHITE STAR PARACHUTE M583A1					10.585			2.154			-			-			-			-
6) B542, CTG, 40MM HEDP LNKD																				
† 6.1) B542 LOAD, ASSEMBLE, AND PACK C1	A		33.18	2,319,963	76.987	34.20	1,373,015	46.952	41.64	501,681	20.890	-	-	-	-	-	-	-	-	-
† 6.2) B542 LOAD, ASSEMBLE, AND PACK C2	A		33.90	1,447,270	49.057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.3) B542 PRODUCTION ENGINEERING			-	-	1.358	-	-	0.914	-	-	1.252	-	-	-	-	-	-	-	-	-
6.4) B542 QUALITY ASSURANCE			-	-	0.034	-	-	0.026	-	-	0.022	-	-	-	-	-	-	-	-	-
6.5) B542 FIRST ARTICLE TEST			-	-	0.161	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) B542, CTG, 40MM HEDP LNKD					127.597			47.892			22.164			-			-			-
7) B546, CTG, 40MM HEDP SNGL																				
† 7.1) B546 LOAD, ASSEMBLE, AND PACK C1	A		44.22	609,098	26.933	51.18	256,975	13.152	-	-	-	-	-	-	-	-	-	-	-	-
† 7.2) B546 LOAD, ASSEMBLE, AND PACK C2	A		41.76	406,066	16.956	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.3) B546 PRODUCTION ENGINEERING			-	-	1.472	-	-	0.567	-	-	-	-	-	-	-	-	-	-	-	-
7.4) B546 QUALITY ASSURANCE			-	-	0.050	-	-	0.026	-	-	-	-	-	-	-	-	-	-	-	-
7.5) B546 FIRST ARTICLE TEST			-	-	0.384	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition								P-1 Line Item Nomenclature: 1050 - 40 MM, All Types								Aggregated Item Name: 40 MM, All Types				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 7) B546, CTG, 40MM HEDP SNGL					45.795			13.745			-			-			-			-
8) BA21, CTG, 40,, PRACTICE DAY/NIGHT MK281/1																				
† 8.1) BA21 LOAD, ASSEMBLE, AND PACK	A		29.78	851,443	25.356	30.78	474,431	14.603	-	-	-	-	-	-	-	-	-	-	-	-
8.2) BA21 PRODUCTION ENGINEERING			-	-	-	-	-	0.268	-	-	-	-	-	-	-	-	-	-	-	-
8.3) BA21 QUALITY ASSURANCE			-	-	-	-	-	0.129	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 8) BA21, CTG, 40,, PRACTICE DAY/NIGHT MK281/1					25.356			15.000			-			-			-			-
9) BA35, CTG, 40MM PRACTICE DAY/NIGHT M1110																				
† 9.1) BA35 LOAD, ASSEMBLE, AND PACK	A		-	-	-	10.04	2,208,167	22.170	-	-	-	10.65	708,357	7.544	-	-	-	10.65	708,357	7.544
9.2) BA35 PRODUCTION ENGINEERING			-	-	0.368	-	-	0.457	-	-	-	-	-	0.092	-	-	-	-	-	0.092
9.3) BA35 QUALITY ASSURANCE			-	-	0.145	-	-	0.155	-	-	-	-	-	0.008	-	-	-	-	-	0.008
Subtotal 9) BA35, CTG, 40MM PRACTICE DAY/ NIGHT M1110					0.513			22.782			-			7.644			-			7.644
Total					218.042			102.020			22.164			7.644			-			7.644

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1050 - 40 MM, All Types					Aggregated Item Name: 40 MM, All Types			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
5) B535, CTG, 40MM WHITE STAR PARACHUTE M583A1												
5.1) B535 LOAD, ASSEMBLE, AND PACK C2		2011	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Mar 2011	Aug 2012	220,658	43.57	Y		
5.1) B535 LOAD, ASSEMBLE, AND PACK C2		2012	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Aug 2012	Jun 2013	37,939	45.89	Y		
6) B542, CTG, 40MM HEDP LNKD												
6.1) B542 LOAD, ASSEMBLE, AND PACK C1		2011	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	ROCK ISLAND ARSENAL	Mar 2011	Mar 2013	1,168,186	33.95	Y		
6.1) B542 LOAD, ASSEMBLE, AND PACK C1	✓	2011	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	ROCK ISLAND ARSENAL	Mar 2011	Jun 2013	1,102,720	33.85	Y		
6.1) B542 LOAD, ASSEMBLE, AND PACK C1		2012	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Dec 2013	860,906	34.20	Y		
6.1) B542 LOAD, ASSEMBLE, AND PACK C1	✓	2012	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Dec 2013	512,109	34.19	Y		
6.1) B542 LOAD, ASSEMBLE, AND PACK C1		2013	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Aug 2014	358,477	41.64	Y		
6.1) B542 LOAD, ASSEMBLE, AND PACK C1	✓	2013	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Aug 2014	143,204	41.64	Y		
6.2) B542 LOAD, ASSEMBLE, AND PACK C2		2011	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Mar 2011	Mar 2013	668,480	33.95	Y		
6.2) B542 LOAD, ASSEMBLE, AND PACK C2	✓	2011	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Mar 2011	Sep 2013	778,790	33.85	Y		
7) B546, CTG, 40MM HEDP SNGL												
7.1) B546 LOAD, ASSEMBLE, AND PACK C1		2012	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Aug 2014	256,975	51.18	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1050 - 40 MM, All Types					Aggregated Item Name: 40 MM, All Types			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
7.2) B546 LOAD, ASSEMBLE, AND PACK C2		2011	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Aug 2011	Jan 2013	249,048	44.18	Y		
7.2) B546 LOAD, ASSEMBLE, AND PACK C2	✓	2011	DSE INC / TAMPA, FL	C / FFP	ROCK ISLAND ARSENAL	Aug 2011	Jan 2013	157,018	44.28	Y		
8) BA21, CTG, 40,, PRACTICE DAY/NIGHT MK281/1												
8.1) BA21 LOAD, ASSEMBLE, AND PACK		2012	AMERICAN RHEINMETALL MUNITIONS / CAMDEN, AR	C / IDIQ	MCSC, QUANTICO, VA	Dec 2011	Dec 2012	474,431	30.78	Y		Oct 2006
9) BA35, CTG, 40MM PRACTICE DAY/NIGHT M1110												
†9.1) BA35 LOAD, ASSEMBLE, AND PACK		2012	AMERICAN RHEINMETALL MUNITIONS / CAMDEN, AR	C / IDIQ	MCSC, QUANTICO, VA	Jan 2014	May 2015	1,809,761	10.04	Y		
†9.1) BA35 LOAD, ASSEMBLE, AND PACK	✓	2012	AMERICAN RHEINMETALL MUNITIONS / CAMDEN, AR	C / IDIQ	MCSC, QUANTICO, VA	Jan 2014	May 2015	398,406	10.04	Y		
†9.1) BA35 LOAD, ASSEMBLE, AND PACK		2014	AMERICAN RHEINMETALL MUNITIONS / CAMDEN, AR	C / IDIQ	MCSC, QUANTICO, VA	Jan 2014	May 2015	708,357	10.65	Y		

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition										P-1 Line Item Nomenclature: 1050 - 40 MM, All Types													Aggregated Item Name: 40 MM, All Types									
Items <i>(Units in Thousands)</i>							Fiscal Year 2011												Fiscal Year 2012													
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2010	BAL DUE AS OF 1 OCT	Calendar Year 2011												Calendar Year 2012												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		
9) BA35, CTG, 40MM PRACTICE DAY/NIGHT M1110																																
9.1) BA35 LOAD, ASSEMBLE, AND PACK																																
	4	2012	NAVY	1,809.761	-	1,809.761	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,809.761
✓	4	2012	NAVY	398.406	-	398.406	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	398.406
	4	2014	NAVY	708.357	-	708.357	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	708.357
							O C T	N O V	D E C	J A N	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	

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition										P-1 Line Item Nomenclature: 1050 - 40 MM, All Types													Aggregated Item Name: 40 MM, All Types										
Items <i>(Units in Thousands)</i>							Fiscal Year 2013													Fiscal Year 2014													
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013													Calendar Year 2014													
							O C T	N O V	D E C	J A N	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		
9) BA35, CTG, 40MM PRACTICE DAY/NIGHT M1110																																	
9.1) BA35 LOAD, ASSEMBLE, AND PACK																																	
	4	2012	NAVY	1,809.761	-	1,809.761	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	1,809.761	
✓	4	2012	NAVY	398.406	-	398.406	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	398.406	
	4	2014	NAVY	708.357	-	708.357	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	708.357	
							O C T	N O V	D E C	J A N	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		

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																								Date: April 2013											
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition										P-1 Line Item Nomenclature: 1050 - 40 MM, All Types														Aggregated Item Name: 40 MM, All Types											
Items <i>(Units in Thousands)</i>							Fiscal Year 2015												Fiscal Year 2016																
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015																Calendar Year 2016												
							O C T	N O V	D E C	J A N	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				
9) BA35, CTG, 40MM PRACTICE DAY/NIGHT M1110																																			
9.1) BA35 LOAD, ASSEMBLE, AND PACK																																			
	4	2012	NAVY	1,809.761	-	1,809.761	-	-	-	-	-	-	-	150.820	150.820	150.820	150.820	150.820	150.820	150.820	150.820	150.820	150.820	150.820	150.741							-			
✓	4	2012	NAVY	398.406	-	398.406	-	-	-	-	-	-	-	33.200	33.200	33.200	33.200	33.200	33.200	33.200	33.200	33.200	33.200	33.200	33.200	33.206							-		
	4	2014	NAVY	708.357	-	708.357	-	-	-	-	-	-	-	59.000	59.000	59.000	59.000	59.000	59.000	59.000	59.000	59.000	59.000	59.000	59.357							-			
							O C T	N O V	D E C	J A N	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				

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition	P-1 Line Item Nomenclature: 1050 - 40 MM, All Types	Aggregated Item Name: 40 MM, All Types

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	AMERICAN RHEINMETALL MUNITIONS - CAMDEN, AR	.050	.120	.240	3	2	16	18	3	2	16	18

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013
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Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition	P-1 Line Item Nomenclature: 1083 - 60 MM, All Types
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
---	---	--

MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	27.264	10.920	-	3.349	-	3.349	1.620	3.350	3.350	3.350	-	53.203
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	27.264	10.920	-	3.349	-	3.349	1.620	3.350	3.350	3.350	-	53.203
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	27.264	10.920	-	3.349	-	3.349	1.620	3.350	3.350	3.350	-	53.203

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The family of 60mm mortar cartridges is designed to be fired from the M224 lightweight company mortar system. The family consists of high explosive, smoke, illumination, and training rounds. The 60mm family of cartridges is used to provide close-in indirect fire support of ground troops at ranges of approximately 70 to 3,500 meters.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
60 MM, All Types	P40A, P5A				27.264			10.920			-			3.349			-			3.349
Total Gross/Weapon System Cost					27.264			10.920			-			3.349			-			3.349

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:

FY 2012 Base Appropriation Request: \$0.937M procured the Cartridge, 60mm High Explosive with Multi-option Fuze for the training and combat requirement that has been identified in the Total Munitions Requirement (TMR).

FY 2012 Overseas Contingency Operations (OCO) Request \$9.983M:

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		P-1 Line Item Nomenclature: 1083 - 60 MM, All Types
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s): \$3.995M procured the Cartridge, 60mm High Explosive with Point Detonating (PD) Fuze and \$5.988M procured the Cartridge, 60mm High Explosive with Multi-option Fuze for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures. FY 2013 Base Appropriation Request: N/A FY 2013 Overseas Contingency Operations (OCO) Request: N/A FY 2014 Base Appropriation Request: \$3.349M will procure the Cartridge, 60mm Full Range Practice for the training and combat requirement that has been identified in the Total Munitions Requirement (TMR).		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition								P-1 Line Item Nomenclature: 1083 - 60 MM, All Types							Aggregated Item Name: 60 MM, All Types					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) B643, CTG, 60MM HE																				
† 1.1) B643 LOAD, ASSEMBLE, AND PACK (LAP)	A		53.95	67,250	3.628	55.89	14,229	0.795	-	-	-	-	-	-	-	-	-	-	-	-
† 1.2) B643 SHELL BODY, 60MM HE	A		33.01	91,276	3.013	41.23	14,797	0.610	-	-	-	-	-	-	-	-	-	-	-	-
† 1.3) B643 M935 FUZE	A		55.00	90,382	4.971	50.88	14,656	0.746	-	-	-	-	-	-	-	-	-	-	-	-
† 1.4) B643 M702 IGNITION CARTRIDGE	A		17.28	91,281	1.577	15.01	14,797	0.222	-	-	-	-	-	-	-	-	-	-	-	-
† 1.5) B643 CHARGE, PROPELLING 60MM M204	A		11.00	365,091	4.016	8.82	59,191	0.522	-	-	-	-	-	-	-	-	-	-	-	-
† 1.6) B643 FIN ASSEMBLY M27	A		6.50	91,231	0.593	8.95	14,797	0.132	-	-	-	-	-	-	-	-	-	-	-	-
† 1.7) B643 COMP A-5 CLASS I	A		4.01	2,744	0.011	3.12	427	0.001	-	-	-	-	-	-	-	-	-	-	-	-
† 1.8) B643 COMP B TYPE I GRADE A	A		2.54	149,213	0.379	19.93	24,188	0.482	-	-	-	-	-	-	-	-	-	-	-	-
1.9) B643 PRODUCTION ENGINEERING			-	-	2.489	-	-	0.888	-	-	-	-	-	-	-	-	-	-	-	-
1.10) B643 QUALITY ASSURANCE			-	-	0.019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.11) B643 ACCEPTANCE TESTING			-	-	1.768	-	-	0.088	-	-	-	-	-	-	-	-	-	-	-	-
1.12) B643 GOVERNMENT FURNISHED MATERIAL	A		-	-	-0.390	-	-	-0.491	-	-	-	-	-	-	-	-	-	-	-	-
1.13) B643 PC&H FOR EXPLOSIVES	A		-	-	0.035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) B643, CTG, 60MM HE					22.109			3.995			-			-			-			-
2) BA16, CARTRIDGE, 60MM WITH MOF																				
† 2.1) BA16 LOAD, ASSEMBLE, AND PACK (LAP)	A		49.24	18,928	0.932	61.24	15,430	0.945	-	-	-	-	-	-	-	-	-	-	-	-
† 2.2) BA16 FUZE, MULTI-OPTION M734A1	A		-	-	-	213.06	16,047	3.419	-	-	-	-	-	-	-	-	-	-	-	-
† 2.3) BA16 SHELL BODY (HF1) 60MM	A		38.45	19,688	0.757	41.63	16,047	0.668	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition								P-1 Line Item Nomenclature: 1083 - 60 MM, All Types								Aggregated Item Name: 60 MM, All Types				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 2.4) BA16 M702 IGNITION CARTRIDGE	A		19.31	19,679	0.380	14.51	16,047	0.233	-	-	-	-	-	-	-	-	-	-	-	-
† 2.5) BA16 PROPELLANT CHARGE M235	A		7.59	78,788	0.598	7.71	64,189	0.495	-	-	-	-	-	-	-	-	-	-	-	-
† 2.6) BA16 FIN ASSEMBLY M27	A		7.21	19,695	0.142	6.80	16,047	0.109	-	-	-	-	-	-	-	-	-	-	-	-
2.7) BA16 PRODUCTION ENGINEERING			-	-	-	-	-	0.937	-	-	-	-	-	-	-	-	-	-	-	-
2.8) BA16 QUALITY ASSURANCE			-	-	0.006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.9) BA16 ACCEPTANCE TESTING			-	-	1.041	-	-	0.119	-	-	-	-	-	-	-	-	-	-	-	-
2.10) BA16 EPA - COST OF MATERIALS	A		-	-	0.052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.11) BA16 FIRST ARTICLE TESTING			-	-	0.014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) BA16, CARTRIDGE, 60MM WITH MOF					3.922			6.925			-			-			-			-
3) BA15, CARTRIDGE, 60MM FULL RANGE PRACTICE																				
† 3.1) BA15 LOAD, ASSEMBLE AND PACK (LAP)	A		-	-	-	-	-	-	-	-	-	16.94	19,625	0.332	-	-	-	16.94	19,625	0.332
† 3.2) BA15 FUZE PRACTICE M775	A		-	-	-	-	-	-	-	-	-	23.78	20,214	0.481	-	-	-	23.78	20,214	0.481
† 3.3) BA15 SHELL BODY 60MM FRPC	A		-	-	-	-	-	-	-	-	-	37.48	20,214	0.758	-	-	-	37.48	20,214	0.758
† 3.4) BA15 M702 IGNITION CARTRIDGE	A		-	-	-	-	-	-	-	-	-	16.10	20,214	0.325	-	-	-	16.10	20,214	0.325
† 3.5) BA15 PROPELLANT CHARGE M235	A		-	-	-	-	-	-	-	-	-	9.58	81,640	0.782	-	-	-	9.58	81,640	0.782
† 3.6) BA15 FIN ASSEMBLY M27	A		-	-	-	-	-	-	-	-	-	9.61	20,214	0.194	-	-	-	9.61	20,214	0.194
3.7) BA15 PRODUCTION ENGINEERING			-	-	0.988	-	-	-	-	-	-	-	-	0.336	-	-	-	-	-	0.336
3.8) BA15 QUALITY ASSURANCE			-	-	0.025	-	-	-	-	-	-	-	-	0.002	-	-	-	-	-	0.002

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition					P-1 Line Item Nomenclature: 1083 - 60 MM, All Types										Aggregated Item Name: 60 MM, All Types					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
3.9) BA15 ACCEPTANCE TESTING			-	-	0.220	-	-	-	-	-	-	-	-	0.139	-	-	-	-	-	0.139
Subtotal 3) BA15, CARTRIDGE, 60MM FULL RANGE PRACTICE					1.233			-			-			3.349			-			3.349
Total					27.264			10.920			-			3.349			-			3.349

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1083 - 60 MM, All Types					Aggregated Item Name: 60 MM, All Types			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) B643, CTG, 60MM HE												
1.1) B643 LOAD, ASSEMBLE, AND PACK (LAP)		2011	AMERICAN ORDNANCE / MILAN, TN	SS / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Jul 2013	49,440	53.94	Y		
1.1) B643 LOAD, ASSEMBLE, AND PACK (LAP)	✓	2011	CANADIAN COMMERCIAL CORPORATION / OTTAWA, CANADA	SS / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Jul 2013	17,810	53.94	Y		
1.1) B643 LOAD, ASSEMBLE, AND PACK (LAP)	✓	2012	UNKNOWN / UNKNOWN	SS / FFP	ROCK ISLAND ARSENAL, IL	Jun 2013	Jun 2015	14,229	55.89	Y		
1.2) B643 SHELL BODY, 60MM HE		2011	MEDICO INDUSTRIES / WILKES-BARRE, PA	C / FFP	PICATINNY ARSENAL, NJ	Sep 2011	Sep 2012	58,952	33.01	Y		
1.2) B643 SHELL BODY, 60MM HE	✓	2011	MEDICO INDUSTRIES / WILKES-BARRE, PA	C / FFP	PICATINNY ARSENAL, NJ	Sep 2011	Sep 2012	32,324	33.01	Y		
1.2) B643 SHELL BODY, 60MM HE	✓	2012	UNKNOWN / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Jun 2013	Dec 2014	14,797	41.23	Y		
1.3) B643 M935 FUZE	✓	2012	UNKNOWN / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2013	Jan 2015	14,656	50.88	Y		
1.4) B643 M702 IGNITION CARTRIDGE		2011	POCAL INDUSTRIES / SCRANTON, PA	C / FFP	ROCK ISLAND ARSENAL, IL	Nov 2012	May 2013	58,941	17.00	Y		
1.4) B643 M702 IGNITION CARTRIDGE	✓	2011	POCAL INDUSTRIES / SCRANTON, PA	C / FFP	ROCK ISLAND ARSENAL, IL	Nov 2012	May 2013	32,340	17.78	Y		
1.4) B643 M702 IGNITION CARTRIDGE	✓	2012	UNKNOWN / UNKNOWN	C / IDIQ	ROCK ISLAND ARSENAL, IL	Jun 2013	Dec 2014	14,797	15.01	Y		
1.5) B643 CHARGE, PROPELLING 60MM M204		2011	AMERICAN ORDNANCE / MILAN, TN	C / FFP	ROCK ISLAND ARSENAL, IL	Jan 2011	Sep 2012	235,727	11.00	Y		
1.5) B643 CHARGE, PROPELLING 60MM M204	✓	2011	AMERICAN ORDNANCE / MILAN, TN	C / FFP	ROCK ISLAND ARSENAL, IL	Jan 2011	Sep 2012	129,364	11.00	Y		
1.5) B643 CHARGE, PROPELLING 60MM M204	✓	2012	UNKNOWN / UNKNOWN	C / IDIQ	ROCK ISLAND ARSENAL, IL	Jun 2013	Dec 2014	59,191	8.82	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1083 - 60 MM, All Types					Aggregated Item Name: 60 MM, All Types			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1.6) B643 FIN ASSEMBLY M27	✓	2012	UNKNOWN / UNKNOWN	C / IDIQ	ROCK ISLAND ARSENAL, IL	Jun 2013	Dec 2014	14,797	8.95	Y		
1.7) B643 COMP A-5 CLASS I	✓	2012	GOVERNMENT FURNISHED MATERIAL / N/A	MIPR	ROCK ISLAND ARSENAL, IL	Jun 2013	Jun 2013	427	3.12	Y		
1.8) B643 COMP B TYPE I GRADE A	✓	2012	GOVERNMENT FURNISHED MATERIAL / N/A	MIPR	ROCK ISLAND ARSENAL, IL	Jun 2013	Jun 2013	24,188	19.93	Y		
2) BA16, CARTRIDGE, 60MM WITH MOF												
2.1) BA16 LOAD, ASSEMBLE, AND PACK (LAP)	✓	2012	UNKNOWN / UNKNOWN	C / IDIQ	ROCK ISLAND ARSENAL, IL	Mar 2013	Mar 2015	15,430	61.24	Y		
2.2) BA16 FUZE, MULTI-OPTION M734A1	✓	2012	L-3 FUZING & ORDNANCE SYSTEMS INC / CINCINNATI, OH	C / FFP	PICATINNY ARSENAL, NJ	Mar 2012	Nov 2013	16,047	213.06	Y		
2.3) BA16 SHELL BODY (HF1) 60MM	✓	2012	MEDICO INDUSTRIES / WILKES-BARRE, PA	C / IDIQ	PICATINNY ARSENAL, NJ	Sep 2012	Mar 2013	16,047	41.63	Y		
2.4) BA16 M702 IGNITION CARTRIDGE	✓	2011	POCAL INDUSTRIES 1 / SCRANTON, PA	C / FFP	ROCK ISLAND ARSENAL, IL	Nov 2012	May 2013	19,679	19.31	Y		
2.4) BA16 M702 IGNITION CARTRIDGE	✓	2012	UNKNOWN / UNKNOWN	C / IDIQ	ROCK ISLAND ARSENAL, IL	Mar 2013	Sep 2014	16,047	14.51	Y		
2.5) BA16 PROPELLANT CHARGE M235	✓	2011	AMERICAN ORDNANCE / MILAN, TN	C / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Mar 2012	78,788	7.59	Y		
2.5) BA16 PROPELLANT CHARGE M235	✓	2012	UNKNOWN / UNKNOWN	C / IDIQ	ROCK ISLAND ARSENAL, IL	Mar 2013	Sep 2014	64,189	7.71	Y		
2.6) BA16 FIN ASSEMBLY M27	✓	2011	Flexible Concepts / Elkhart, IN	C / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Mar 2012	15,118	7.21	Y		
2.6) BA16 FIN ASSEMBLY M27	✓	2012	GAYSTON CORP / SPRINGSBORO, OH	C / IDIQ	PICATINNY ARSENAL, NJ	Jul 2012	Jan 2013	16,047	6.80	Y		
3) BA15, CARTRIDGE, 60MM FULL RANGE PRACTICE												

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1083 - 60 MM, All Types					Aggregated Item Name: 60 MM, All Types			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
3.1) BA15 LOAD, ASSEMBLE AND PACK (LAP)		2014	UNKNOWN / UNKNOWN	C / IDIQ	ROCK ISLAND ARSENAL, IL	Mar 2014	Mar 2016	19,625	16.94	Y		
3.2) BA15 FUZE PRACTICE M775		2014	UNKNOWN / UNKNOWN	C / TBD	PICATINNY ARSENAL, NJ	Mar 2014	Jun 2015	20,214	23.78	Y		
3.3) BA15 SHELL BODY 60MM FRPC		2014	UNKNOWN / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2014	Jun 2015	20,214	37.48	Y		
3.4) BA15 M702 IGNITION CARTRIDGE		2014	UNKNOWN / UNKNOWN	C / IDIQ	ROCK ISLAND ARSENAL, IL	Dec 2013	Jun 2015	20,214	16.10	Y		
3.5) BA15 PROPELLANT CHARGE M235		2014	UNKNOWN / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2014	Jun 2015	81,640	9.58	Y		
3.6) BA15 FIN ASSEMBLY M27		2014	UNKNOWN / UNKNOWN	C / IDIQ	ROCK ISLAND ARSENAL, IL	Dec 2013	Jun 2015	20,214	9.61	Y		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							P-1 Line Item Nomenclature: 1091 - 81 MM, All Types						
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:					Other Related Program Elements:				
MDAP/MAIS Code(s):													
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost <i>(\$ in Millions)</i>	86.389	34.092	13.711	-	-	-	-	-	-	-	Continuing	Continuing	
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) <i>(\$ in Millions)</i>	86.389	34.092	13.711	-	-	-	-	-	-	-	Continuing	Continuing	
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority <i>(\$ in Millions)</i>	86.389	34.092	13.711	-	-	-	-	-	-	-	Continuing	Continuing	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>													
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The family of 81mm mortar cartridges is designed to be fired from the M252 medium-weight mortar system. The family consists of high explosive, smoke, illumination, and training rounds. The 81mm family of mortars is used for long-range indirect fire support to light infantry, air assault, and airborne units, at ranges of approximately 100 to 6,000 meters.													

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
81 MM, All Types	P40A, P5A				86.389			34.092			13.711			-			-			-
Total Gross/Weapon System Cost					86.389			34.092			13.711			-			-			-

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification: FY 2012 Base Appropriation Request \$18.100M. \$1.577M procured the C868 Cartridge, 81mm High Explosive (HE) with Multi-Option Fuze; \$11.669M procured the C869 Cartridge, 81mm High Explosive (HE) M821/M821A2 with Point Detonating (PD) Fuze; and \$4.854M procured the C870 Cartridge, 81mm Smoke Red Phosphorus (RP). These munitions were procured to support training requirements identified in the Total Munitions Requirement (TMR).
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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		P-1 Line Item Nomenclature: 1091 - 81 MM, All Types
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
<p>FY 2012 Overseas Contingency Operations (OCO) Request: \$15.992M procured the Cartridge, 81mm HE with Point Detonating (PD) Fuze that has been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures.</p> <p>FY 2013 Base Appropriation Request \$13.711M. \$8.028M procures the Cartridge, 81mm HE with Multi-Option Fuze and \$5.683M procures the cartridge, 81mm HE with Point Detonating Fuze. All of these items are in the training and combat requirements that have been identified in the Total Munitions Requirement (TMR).</p> <p>FY 2013 Overseas Contingency Operations (OCO) Request: N/A</p> <p>FY 2014 Base Appropriation Request: N/A</p>		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition									P-1 Line Item Nomenclature: 1091 - 81 MM, All Types							Aggregated Item Name: 81 MM, All Types					
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1) C868, CTG, 81MM HE W/M734A1 MOF FUZE																					
† 1.1) C868 LOAD, ASSEMBLE, AND PACK	A		50.00	311,730	15.587	50.00	3,620	0.181	67.12	11,397	0.765	-	-	-	-	-	-	-	-	-	
† 1.2) C868 FIN ASSEMBLY	A		12.18	33,251	0.405	12.13	3,792	0.046	12.71	11,880	0.151	-	-	-	-	-	-	-	-	-	
† 1.3) C868 IGNITION CARTRIDGE	A		17.59	33,265	0.585	14.50	3,724	0.054	20.77	11,844	0.246	-	-	-	-	-	-	-	-	-	
† 1.4) C868 PROPELLANT CHARGE	A		9.13	132,859	1.213	7.72	15,026	0.116	9.39	47,391	0.445	-	-	-	-	-	-	-	-	-	
† 1.5) C868 SHELL BODY, 81MM	A		51.66	33,218	1.716	58.72	3,764	0.221	70.99	11,861	0.842	-	-	-	-	-	-	-	-	-	
† 1.6) C868 COMP B TYPE I GRADE A	A		2.60	101,575	0.264	20.00	11,750	0.235	-	-	-	-	-	-	-	-	-	-	-	-	
† 1.7) C868 IMX-104	A		-	-	-	-	-	-	21.34	34,208	0.730	-	-	-	-	-	-	-	-	-	
† 1.8) C868 FUZE, MOF, M734A1	A		196.99	33,230	6.546	213.06	3,760	0.801	297.11	11,858	3.523	-	-	-	-	-	-	-	-	-	
1.9) C868 PRODUCTION ENGINEERING			-	-	0.605	-	-	0.071	-	-	1.125	-	-	-	-	-	-	-	-	-	
1.10) C868 QUALITY ASSURANCE			-	-	-	-	-	-	-	-	0.012	-	-	-	-	-	-	-	-	-	
1.11) C868 ACCEPTANCE TESTING			-	-	0.765	-	-	0.087	-	-	0.139	-	-	-	-	-	-	-	-	-	
1.12) C868 GOVERNMENT FURNISHED MATERIAL	A		-	-	-	-	-	-0.235	-	-	-	-	-	-	-	-	-	-	-	-	
1.13) C868 FIRST ARTICLE TEST			-	-	-	-	-	-	-	-	0.050	-	-	-	-	-	-	-	-	-	
Subtotal 1) C868, CTG, 81MM HE W/M734A1 MOF FUZE					27.686			1.577			8.028			-			-			-	
2) C869, CTG, 81MM HE W/M935 PD FUZE																					
† 2.1) C869 LOAD, ASSEMBLE, AND PACK	A		64.39	204,947	13.197	46.57	105,540	4.915	67.12	13,483	0.905	-	-	-	-	-	-	-	-	-	
† 2.2) C869 FIN ASSEMBLY	A		12.26	213,149	2.613	12.13	109,810	1.332	12.71	14,005	0.178	-	-	-	-	-	-	-	-	-	
† 2.3) C869 IGNITION CARTRIDGE	A		18.58	213,175	3.961	14.50	109,793	1.592	20.77	14,011	0.291	-	-	-	-	-	-	-	-	-	

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition								P-1 Line Item Nomenclature: 1091 - 81 MM, All Types							Aggregated Item Name: 81 MM, All Types					
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 2.4) C869 PROP CHARGE M220	A		9.13	852,465	7.783	7.72	439,120	3.390	9.39	56,124	0.527	-	-	-	-	-	-	-	-	-
† 2.5) C869 SHELL BODY, 81MM	A		51.24	213,134	10.920	58.72	109,758	6.445	70.99	14,030	0.996	-	-	-	-	-	-	-	-	-
† 2.6) C869 COMP B TYPE I CLASS A	A		2.54	665,748	1.691	20.00	343,000	6.860	-	-	-	-	-	-	-	-	-	-	-	-
† 2.7) C869 COMP A-5 CLASS 1	A		4.01	29,177	0.117	4.15	3,133	0.013	-	-	-	-	-	-	-	-	-	-	-	-
† 2.8) C869 IMX-104	A		-	-	-	-	-	-	21.34	43,814	0.935	-	-	-	-	-	-	-	-	-
† 2.9) C869 M935 FUZE	A		54.00	211,889	11.442	44.75	108,693	4.864	69.16	13,895	0.961	-	-	-	-	-	-	-	-	-
2.10) C869 PRODUCTION ENGINEERING			-	-	2.497	-	-	1.858	-	-	0.797	-	-	-	-	-	-	-	-	-
2.11) C869 QUALITY ASSURANCE			-	-	0.019	-	-	0.006	-	-	0.003	-	-	-	-	-	-	-	-	-
2.12) C869 ACCEPTANCE TESTING			-	-	2.254	-	-	0.609	-	-	0.090	-	-	-	-	-	-	-	-	-
2.13) C869 FIRST ARTICLE TEST			-	-	0.010	-	-	0.150	-	-	-	-	-	-	-	-	-	-	-	-
2.14) C869 PRODUCTION VERIFICATION TESTS			-	-	0.001	-	-	2.500	-	-	-	-	-	-	-	-	-	-	-	-
2.15) C869 GOVERNMENT FURNISHED MATERIAL	A		-	-	-	-	-	-6.873	-	-	-	-	-	-	-	-	-	-	-	-
2.16) C869 PRODUCT IMPROVEMENT			-	-	0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.17) C869 ENGINEERING CHANGE PROPOSAL			-	-	0.978	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.18) PC&H F/LEAD AZIDE	A		-	-	0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.19) BOOSTER CUPS	A		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) C869, CTG, 81MM HE W/M935 PD FUZE					57.989			27.661			5.683			-			-			-
3) C870, CTG, 81MM SMOKE RP																				
† 3.1) C870 LOAD, ASSEMBLE, AND PACK	A		-	-	-	129.45	8,312	1.076	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy														Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition						P-1 Line Item Nomenclature: 1091 - 81 MM, All Types								Aggregated Item Name: 81 MM, All Types						
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 3.2) C870 METAL CONTAINER PA157	A		-	-	-	38.54	285	0.011	-	-	-	-	-	-	-	-	-	-	-	-
† 3.3) C870 FIBER CONTAINER PA162	A		-	-	-	4.80	8,750	0.042	-	-	-	-	-	-	-	-	-	-	-	-
† 3.4) C870 GAS ABSORBENT MODULES (GAMS)	A		-	-	-	18.21	17,298	0.315	-	-	-	-	-	-	-	-	-	-	-	-
† 3.5) C870 81MM SMOKE TAIL CONE	A		-	-	-	26.79	8,660	0.232	-	-	-	-	-	-	-	-	-	-	-	-
† 3.6) C870 FIN ASSEMBLY M28	A		-	-	-	16.44	8,637	0.142	-	-	-	-	-	-	-	-	-	-	-	-
† 3.7) C870 PROP CHARGE M218	A		-	-	-	8.02	34,539	0.277	-	-	-	-	-	-	-	-	-	-	-	-
† 3.8) C870 IGN CARTRIDGE M752	A		-	-	-	18.02	8,657	0.156	-	-	-	-	-	-	-	-	-	-	-	-
† 3.9) C870 FUZE M772	A		-	-	-	181.54	8,648	1.570	-	-	-	-	-	-	-	-	-	-	-	-
† 3.10) C870 81MM SMOKE BODY TUBE	A		-	-	-	34.69	8,648	0.300	-	-	-	-	-	-	-	-	-	-	-	-
3.11) C870 PRODUCTION ENGINEERING			-	-	0.714	-	-	0.812	-	-	-	-	-	-	-	-	-	-	-	-
3.12) C870 QUALITY ASSURANCE			-	-	-	-	-	0.002	-	-	-	-	-	-	-	-	-	-	-	-
3.13) C870 ACCEPTANCE TESTING			-	-	-	-	-	0.233	-	-	-	-	-	-	-	-	-	-	-	-
3.14) Government Furnished Material	A		-	-	-	-	-	-0.314	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) C870, CTG, 81MM SMOKE RP					0.714			4.854			-			-			-			-
Total					86.389			34.092			13.711			-			-			-

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1091 - 81 MM, All Types					Aggregated Item Name: 81 MM, All Types			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) C868, CTG, 81MM HE W/ M734A1 MOF FUZE												
1.1) C868 LOAD, ASSEMBLE, AND PACK		2011	GDOTS CANADA / CANADA	C / FFP	ROCK ISLAND ARSENAL	Nov 2011	Mar 2013	245,560	50.00	Y		
1.1) C868 LOAD, ASSEMBLE, AND PACK	✓	2011	GDOTS CANADA / CANADA	C / FFP	ROCK ISLAND ARSENAL	Nov 2011	Jul 2013	66,170	50.00	Y		
1.1) C868 LOAD, ASSEMBLE, AND PACK		2012	TO BE SELECTED / Unknown	C / IDIQ	ROCK ISLAND ARSENAL	Mar 2013	Mar 2015	3,620	50.00	Y		
1.1) C868 LOAD, ASSEMBLE, AND PACK		2013	TO BE SELECTED / Unknown	C / IDIQ	ROCK ISLAND ARSENAL	Apr 2013	Apr 2015	11,397	67.12	Y		
1.2) C868 FIN ASSEMBLY		2011	GAYSTON CORP / SPRINGSBORO, OH	C / FFP	PICATINNY ARSENAL	Oct 2011	Apr 2012	15,189	12.18	Y		
1.2) C868 FIN ASSEMBLY	✓	2011	GAYSTON CORP / SPRINGSBORO, OH	C / FFP	PICATINNY ARSENAL	Oct 2011	Apr 2012	18,062	12.18	Y		
1.2) C868 FIN ASSEMBLY		2012	TO BE SELECTED / Unknown	C / FFP	PICATINNY ARSENAL	Mar 2013	Sep 2014	3,792	12.13	Y		
1.2) C868 FIN ASSEMBLY		2013	TO BE SELECTED / Unknown	C / FFP	PICATINNY ARSENAL	Apr 2013	Oct 2014	11,880	12.71	Y		
1.3) C868 IGNITION CARTRIDGE		2011	POCAL INDUSTRIES / SCRANTON, PA	C / FFP	ROCK ISLAND ARSENAL	Jul 2011	Jan 2013	15,219	18.53	Y		
1.3) C868 IGNITION CARTRIDGE	✓	2011	POCAL INDUSTRIES / SCRANTON, PA	C / FFP	ROCK ISLAND ARSENAL	Jun 2012	Jun 2013	18,046	16.79	Y		
1.3) C868 IGNITION CARTRIDGE		2012	AMERICAN ORDANCE / MIDDLETOWN, IA	C / IDIQ	ROCK ISLAND ARSENAL	Mar 2013	Sep 2014	3,724	14.50	Y		
1.3) C868 IGNITION CARTRIDGE		2013	TO BE SELECTED / UNKNOWN	C / IDIQ	ROCK ISLAND ARSENAL	Apr 2013	Oct 2014	11,844	20.77	Y		
1.4) C868 PROPELLANT CHARGE		2011	GENERAL DYNAMICS OTS / MARION, IL	C / FFP	ROCK ISLAND ARSENAL	Nov 2011	May 2012	60,789	9.13	Y		
1.4) C868 PROPELLANT CHARGE	✓	2011	GENERAL DYNAMICS OTS / MARION, IL	C / FFP	ROCK ISLAND ARSENAL	Nov 2011	May 2012	72,070	9.13	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1091 - 81 MM, All Types					Aggregated Item Name: 81 MM, All Types			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1.4) C868 PROPELLANT CHARGE		2012	TO BE SELECTED / Unknown	C / IDIQ	ROCK ISLAND ARSENAL	Mar 2013	Sep 2014	15,026	7.72	Y		
1.4) C868 PROPELLANT CHARGE		2013	TO BE SELECTED / Unknown	C / IDIQ	ROCK ISLAND ARSENAL	Apr 2013	Oct 2014	47,391	9.39	Y		
1.5) C868 SHELL BODY, 81MM		2011	MEDICO INDUSTRIES / WILKES-BARRE, PA	C / FFP	PICATINNY ARSENAL	Mar 2012	Feb 2013	15,199	57.24	Y		
1.5) C868 SHELL BODY, 81MM	✓	2011	MEDICO INDUSTRIES / WILKES-BARRE, PA	C / FFP	PICATINNY ARSENAL	Dec 2011	Jun 2012	18,019	46.95	Y		
1.5) C868 SHELL BODY, 81MM		2012	TO BE SELECTED / UNKNOWN	C / IDIQ	PICATINNY ARSENAL	Mar 2013	Sep 2014	3,764	58.72	Y		
1.5) C868 SHELL BODY, 81MM		2013	TO BE SELECTED / UNKNOWN	C / IDIQ	PICATINNY ARSENAL	Apr 2013	Oct 2014	11,861	70.99	Y		
1.6) C868 COMP B TYPE I GRADE A		2012	GOVERNMENT FURNISHED MATERIAL / PICATINNY ARSENAL, NJ	TBD	ROCK ISLAND ARSENAL	Mar 2013	Mar 2013	11,750	20.00	Y		
1.7) C868 IMX-104		2013	BAE ORDNANCE SYSTEMS / KINGSFORT, TN	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Sep 2014	34,208	21.34	Y		
1.8) C868 FUZE, MOF, M734A1		2011	L-3 FUZING & ORDNANCE SYSTEMS INC / CINCINATTI, OH	C / FFP	PICATINNY ARSENAL	Apr 2011	Oct 2012	15,204	196.99	Y		
1.8) C868 FUZE, MOF, M734A1	✓	2011	L-3 FUZING & ORDNANCE SYSTEMS INC / CINCINATTI, OH	C / FFP	PICATINNY ARSENAL	Apr 2011	Oct 2012	18,026	196.99	Y		
1.8) C868 FUZE, MOF, M734A1		2012	L-3 FUZING & ORDNANCE SYSTEMS INC / CINCINATTI, OH	C / FFP	PICATINNY ARSENAL	Mar 2013	Nov 2014	3,760	213.06	Y		
1.8) C868 FUZE, MOF, M734A1		2013	L-3 FUZING & ORDNANCE SYSTEMS INC / CINCINATTI, OH	C / FFP	PICATINNY ARSENAL	Apr 2013	Dec 2014	11,858	297.11	Y		
2) C869, CTG, 81MM HE W/ M935 PD FUZE												
2.1) C869 LOAD, ASSEMBLE, AND PACK		2011	CANADIAN COMMERCIAL CORPORATION / OTTAWA, CANADA	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Aug 2013	124,578	64.00	Y		
2.1) C869 LOAD, ASSEMBLE, AND PACK	✓	2011	CANADIAN COMMERCIAL CORPORATION / OTTAWA, CANADA	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Aug 2013	80,369	65.00	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1091 - 81 MM, All Types					Aggregated Item Name: 81 MM, All Types			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2.1) C869 LOAD, ASSEMBLE, AND PACK		2012	GDOTS CANADA / CANADA	C / IDIQ	ROCK ISLAND ARSENAL	Mar 2013	Mar 2015	32,940	46.57	Y		
2.1) C869 LOAD, ASSEMBLE, AND PACK	✓	2012	GDOTS CANADA / CANADA	C / IDIQ	ROCK ISLAND ARSENAL	Mar 2013	Mar 2015	72,600	46.57	Y		
2.1) C869 LOAD, ASSEMBLE, AND PACK		2013	TO BE SELECTED / UNKNOWN	C / IDIQ	ROCK ISLAND ARSENAL	Jun 2013	Jun 2015	13,483	67.12	Y		
2.2) C869 FIN ASSEMBLY		2011	GAYSTON CORP / SPRINGSBORO, OH	C / FFP	PICATINNY ARSENAL	Sep 2011	Mar 2012	129,569	12.31	Y		
2.2) C869 FIN ASSEMBLY	✓	2011	GAYSTON CORP / SPRINGSBORO, OH	C / FFP	PICATINNY ARSENAL	Sep 2011	Mar 2012	83,580	12.18	Y		
2.2) C869 FIN ASSEMBLY		2012	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL	Mar 2013	Sep 2014	34,295	12.13	Y		
2.2) C869 FIN ASSEMBLY	✓	2012	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL	Mar 2013	Sep 2014	75,515	12.13	Y		
2.2) C869 FIN ASSEMBLY		2013	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL	Jun 2013	Dec 2014	14,005	12.71	Y		
2.3) C869 IGNITION CARTRIDGE		2011	POCAL INDUSTRIES / SCRANTON, PA	C / FFP	ROCK ISLAND ARSENAL	Nov 2012	May 2013	129,574	18.53	Y		
2.3) C869 IGNITION CARTRIDGE	✓	2011	POCAL INDUSTRIES / SCRANTON, PA	C / FFP	ROCK ISLAND ARSENAL	Nov 2012	Jan 2013	83,601	18.66	Y		
2.3) C869 IGNITION CARTRIDGE		2012	TO BE SELECTED / UNKNOWN	C / IDIQ	ROCK ISLAND ARSENAL	Jun 2013	Dec 2014	34,276	14.50	Y		
2.3) C869 IGNITION CARTRIDGE	✓	2012	AMERICAN ORDNANCE LLC (IAAP) / MIDDLETOWN, IA	C / IDIQ	ROCK ISLAND ARSENAL	Jun 2013	Dec 2014	75,517	14.50	Y		
2.3) C869 IGNITION CARTRIDGE		2013	TO BE SELECTED / UNKNOWN	C / IDIQ	ROCK ISLAND ARSENAL	Jun 2013	Dec 2014	14,011	20.77	Y		
2.4) C869 PROP CHARGE M220		2011	AMERICAN ORDNANCE LLC (IAAP) / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL	Oct 2012	Apr 2013	518,182	9.13	Y		
2.4) C869 PROP CHARGE M220	✓	2011	AMERICAN ORDNANCE LLC (IAAP) / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL	Oct 2012	Apr 2013	334,283	9.13	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1091 - 81 MM, All Types					Aggregated Item Name: 81 MM, All Types			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2.4) C869 PROP CHARGE M220		2012	TO BE SELECTED / Unknown	C / IDIQ	ROCK ISLAND ARSENAL	Jun 2013	Dec 2014	137,047	7.72	Y		
2.4) C869 PROP CHARGE M220	✓	2012	TO BE SELECTED / Unknown	C / IDIQ	ROCK ISLAND ARSENAL	Jun 2013	Dec 2014	302,073	7.72	Y		
2.4) C869 PROP CHARGE M220		2013	TO BE SELECTED / Unknown	C / IDIQ	ROCK ISLAND ARSENAL	Jun 2013	Dec 2014	56,124	9.39	Y		
2.5) C869 SHELL BODY, 81MM		2011	MEDICO INDUSTRIES / WILKES-BARRE, PA	C / FFP	PICATINNY ARSENAL	Jan 2012	Jan 2013	129,556	54.00	Y		
2.5) C869 SHELL BODY, 81MM	✓	2011	MEDICO INDUSTRIES / WILKES-BARRE, PA	C / FFP	PICATINNY ARSENAL	Jan 2012	Jan 2013	83,578	46.95	Y		
2.5) C869 SHELL BODY, 81MM		2012	MEDICO INDUSTRIES / WILKES-BARRE, PA	C / IDIQ	PICATINNY ARSENAL	Mar 2013	Sep 2014	34,264	58.72	Y		
2.5) C869 SHELL BODY, 81MM	✓	2012	MEDICO INDUSTRIES / WILKES-BARRE, PA	C / IDIQ	PICATINNY ARSENAL	Mar 2013	Sep 2014	75,494	58.72	Y		
2.5) C869 SHELL BODY, 81MM		2013	MEDICO INDUSTRIES / WILKES-BARRE, PA	C / IDIQ	PICATINNY ARSENAL	Jun 2013	Dec 2014	14,030	70.99	Y		
2.6) C869 COMP B TYPE I CLASS A		2012	GOVERNMENT FURNISHED MATERIAL / PICATINNY ARSENAL, NJ	TBD	ROCK ISLAND ARSENAL	Mar 2013	Mar 2013	107,050	20.00	Y		
2.6) C869 COMP B TYPE I CLASS A	✓	2012	GOVERNMENT FURNISHED MATERIAL / PICATINNY ARSENAL, NJ	TBD	ROCK ISLAND ARSENAL	Jun 2013	Jun 2013	235,950	20.00	Y		
2.7) C869 COMP A-5 CLASS 1		2012	GOVERNMENT FURNISHED MATERIAL / PICATINNY ARSENAL, NJ	TBD	ROCK ISLAND ARSENAL	Mar 2013	Mar 2013	964	4.15	Y		
2.7) C869 COMP A-5 CLASS 1	✓	2012	GOVERNMENT FURNISHED MATERIAL / PICATINNY ARSENAL, NJ	TBD	ROCK ISLAND ARSENAL	Jun 2013	Jun 2013	2,169	4.15	Y		
2.8) C869 IMX-104		2013	BAE ORDNANCE SYSTEMS / KINGSFORT, TN	C / FFP	ROCK ISLAND ARSENAL	Jun 2013	Feb 2015	43,814	21.34	Y		
2.9) C869 M935 FUZE		2011	L-3 FUZING & ORDNANCE SYSTEMS INC / CINCINNATI, OH	C / FFP	ROCK ISLAND ARSENAL	May 2012	Jul 2013	128,315	54.00	Y		
2.9) C869 M935 FUZE	✓	2011	L-3 FUZING & ORDNANCE SYSTEMS INC / CINCINNATI, OH	C / FFP	ROCK ISLAND ARSENAL	May 2012	Nov 2013	83,574	54.00	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1091 - 81 MM, All Types					Aggregated Item Name: 81 MM, All Types			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2.9) C869 M935 FUZE		2012	L-3 FUZING & ORDNANCE SYSTEMS INC / CINCINATTI, OH	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Sep 2013	33,922	44.75	Y		
2.9) C869 M935 FUZE	✓	2012	L-3 FUZING & ORDNANCE SYSTEMS INC / CINCINATTI, OH	C / FFP	ROCK ISLAND ARSENAL	Mar 2012	Sep 2013	74,771	44.75	Y		
2.9) C869 M935 FUZE		2013	L-3 FUZING & ORDNANCE SYSTEMS INC / CINCINATTI, OH	C / FFP	ROCK ISLAND ARSENAL	Jun 2013	Dec 2014	13,895	69.16	Y		
3) C870, CTG, 81MM SMOKE RP												
3.1) C870 LOAD, ASSEMBLE, AND PACK		2012	PINE BLUFF ARSENAL / PINE BLUFF, AR	PO	ROCK ISLAND ARSENAL	Feb 2012	Jan 2014	8,312	129.45	Y		
3.2) C870 METAL CONTAINER PA157		2012	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL	Dec 2012	Jul 2013	285	38.54	Y		
3.3) C870 FIBER CONTAINER PA162		2012	UAC, INC / WYNNEWOOD, PA	C / FFP	PICATINNY ARSENAL	Mar 2012	Sep 2013	8,750	4.80	Y		
3.4) C870 GAS ABSORBENT MODULES (GAMS)		2012	GOVERNMENT FURNISHED MATERIAL / UNKNOWN	MIPR	PICATINNY ARSENAL	Dec 2012	Jun 2013	17,298	18.21	Y		
3.5) C870 81MM SMOKE TAIL CONE		2012	MEDICO INDUSTRIES / WILKES-BARRE, PA	C / IDIQ	PICATINNY ARSENAL	Jun 2012	Dec 2013	8,660	26.79	Y		
3.6) C870 FIN ASSEMBLY M28		2012	GAYSTON CORP / SPRINGSBORO, OH	C / IDIQ	PICATINNY ARSENAL	Mar 2012	Sep 2013	8,637	16.44	Y		
3.7) C870 PROP CHARGE M218		2012	AMERICAN ORDNANCE / MILAN, TN	C / FFP	ROCK ISLAND ARSENAL	Sep 2012	May 2013	34,539	8.02	Y		
3.8) C870 IGN CARTRIDGE M752		2012	POCAL INDUSTRIES / SCRANTON, PA	C / IDIQ	ROCK ISLAND ARSENAL	Jun 2012	Sep 2013	8,657	18.02	Y		
3.9) C870 FUZE M772		2012	JUNGHANS MICROTECH GMBH / DENNINGEN	PO	ROCK ISLAND ARSENAL	Sep 2012	Nov 2013	8,648	181.54	Y		
3.10) C870 81MM SMOKE BODY TUBE		2012	MEDICO INDUSTRIES / WILKES-BARRE, PA	C / IDIQ	PICATINNY ARSENAL	Jun 2012	Dec 2013	8,648	34.69	Y		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition	P-1 Line Item Nomenclature: 1121 - 120 MM, All Types
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	198.354	20.538	24.162	13.361	-	13.361	13.918	13.917	15.761	31.007	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	198.354	20.538	24.162	13.361	-	13.361	13.918	13.917	15.761	31.007	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	198.354	20.538	24.162	13.361	-	13.361	13.918	13.917	15.761	31.007	Continuing	Continuing

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The 120mm ammunition is fired from a M1A1 (Abrams) tank with a 120mm main armament smoothbore M256 Cannon. It consists of a family of Kinetic Energy (KE) rounds and a family of high explosive anti-tank (HEAT) rounds. Current tank gun ammunition is a single fixed round ("shell" and charge combined in a single piece) for quick loading. The propellant is in a combustible case, thus negating empty shell casings. The cartridge is functioned by receiving electronic data thru a databus from the M1A1 Tank fire control system setting the appropriate fuze mode and then fired by receiving an electrical pulse to the electric primer, igniting the propellant/combustible case and launching the projectile. 120mm ammunition also includes target practice rounds 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.

Expeditionary Fire Support System (EFSS) is a family of 120MM Rifled Mortar ammunition that includes the M1101 Cartridge, High Explosive, the M1105 Cartridge, Illumination, and the XM1103 Cartridge, White Phosphorus. 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 (STOM) 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.

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
120 MM, All Types	P40A, P5A, P21				198.354			20.538			24.162			13.361			-			13.361

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition												P-1 Line Item Nomenclature: 1121 - 120 MM, All Types									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
Total Gross/Weapon System Cost				198.354			20.538			24.162			13.361			-			13.361		
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: FY 2012 Base Appropriation Request: \$9.311M. \$536K used to fund 120mm tank training ammunition Engineering Support requirement. \$8.775M used to fund procurement of 120mm tank training ammunition to support required training requirements. FY 2012 Overseas Contingency Operations (OCO) Request: \$11.227M. \$6.800M used to procure 120mm tank ammunition for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures. \$4.427M used to procure 120mm mortar ammunition for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures. FY 2013 Base Appropriation Request: \$12.557M will be used to procure 120mm mortar ammunition to support required training of Marines and the total munitions requirement (TMR) as identified by Deputy Commandant, Combat Development and Integration Command (DC,CD&I). FY 2013 Overseas Contingency Operations (OCO) Request: \$11.605M will be used to procure 120mm mortar ammunition for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures. FY 2014 Base Appropriation Request: \$13.361M will be used to procure 120mm mortar and tank ammunition to support required training of Marines and the total munitions requirement (TMR) as identified by Deputy Commandant, Combat Development and Integration (DC,CD&I).																					

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition						P-1 Line Item Nomenclature: 1121 - 120 MM, All Types									Aggregated Item Name: 120 MM, All Types					
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) C785, CTG, 120MM TPCSDS-T M865																				
1.1) C785 COMPLETE ROUND M865	A		-	-	33.225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) C785 ACCEPTANCE TESTING			-	-	0.153	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) C785 PRODUCTION ENGINEERING			-	-	0.174	-	-	0.016	-	-	-	-	-	-	-	-	-	-	-	-
1.4) C785 JMC SUPPORT			-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) C785 NONRECURRING			-	-	1.752	-	-	0.518	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) C785, CTG, 120MM TPCSDS-T M865							35.305			0.534			-			-			-	
2) CA31, CTG, 120MM TPMP-T M1002																				
† 2.1) CA31 COMPLETE ROUND	A		4,858.20	6,516	31.656	2,100.00	6,734	14.141	-	-	-	-	-	-	-	-	-	-	-	-
2.2) CA31 COMPLETE ROUND (2)	A		1,523.67	13,921	21.211	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.3) CA31 ACCEPTANCE TESTING			-	-	0.560	-	-	0.157	-	-	-	-	-	-	-	-	-	-	-	-
2.4) CA31 PRODUCTION ENGINEERING			-	-	1.797	-	-	0.877	-	-	-	-	-	-	-	-	-	-	-	-
2.5) CA31 QUALITY ASSURANCE			-	-	0.009	-	-	0.008	-	-	-	-	-	-	-	-	-	-	-	-
2.6) CA31 NONRECURRING			-	-	0.019	-	-	0.392	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) CA31, CTG, 120MM TPMP-T M1002							55.252			15.575			-			-			-	
3) CA57 CARTRIDGE, 120MM, MPHE																				
† 3.1) CA57 SYSTEM BUY	A		-	-	-	-	-	-	-	-	-	9,600.00	339	3.254	-	-	-	9,600.00	339	3.254
Subtotal 3) CA57 CARTRIDGE, 120MM, MPHE							-			-				3.254			-			3.254
4) EFSS, EXPEDITIONARY FIRE SUPPORT SYSTEM (EFSS)																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																	Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							P-1 Line Item Nomenclature: 1121 - 120 MM, All Types										Aggregated Item Name: 120 MM, All Types			
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 4.1) EFSS AMMUNITION	A		2,597.21	40,709	105.730	4,970.43	891	4.427	-	-	-	-	-	-	-	-	-	-	-	-
4.2) EFSS PRODUCTION ENGINEERING			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 4) EFSS, EXPEDITIONARY FIRE SUPPORT SYSTEM (EFSS)</i>					105.730			4.427			-			-			-			-
5) CA45 HIGH EXPLOSIVE CARTRIDGE M1101																				
† 5.1) CA45 ALL UP ROUND	A		-	-	2.067	-	-	0.002	2,668.95	9,053	24.162	2,789.00	1,963	5.475	-	-	-	2,789.00	1,963	5.475
<i>Subtotal 5) CA45 HIGH EXPLOSIVE CARTRIDGE M1101</i>					2.067			0.002			24.162			5.475			-			5.475
6) CA46 120MM MORTAR ILLUM M1105																				
6.1) CA46 ALL UP ROUND	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 6) CA46 120MM MORTAR ILLUM M1105</i>					0.000			-			-			-			-			-
7) CA49 120MM MORTAR WHITE PHOSPHORUS, XM1103																				
† 7.1) CA49 ALL UP ROUND	A		-	-	-	-	-	-	-	-	-	6,683.00	457	3.054	-	-	-	6,683.00	457	3.054
<i>Subtotal 7) CA49 120MM MORTAR WHITE PHOSPHORUS, XM1103</i>					-			-			-			3.054			-			3.054
8) DWGU 120MM MORTAR TAIL CHARGE ASSEMBLY																				
† 8.1) DWGU ALL UP ROUND	A		-	-	-	-	-	-	-	-	-	6,685.00	236	1.578	-	-	-	6,685.00	236	1.578
<i>Subtotal 8) DWGU 120MM MORTAR TAIL CHARGE ASSEMBLY</i>					-			-			-			1.578			-			1.578
Total					198.354			20.538			24.162			13.361			-			13.361

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1121 - 120 MM, All Types					Aggregated Item Name: 120 MM, All Types			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2) CA31, CTG, 120MM TPMP-T M1002												
2.1) CA31 COMPLETE ROUND		2012	ALLIANT TECH SYS INC / PLYMOUTH, MN	SS / FFP	JMC, ROCK ISLAND, IL	Mar 2012	Jul 2013	3,494	2,100.00	Y		
2.1) CA31 COMPLETE ROUND	✓	2012	ALLIANT TECH SYS INC / PLYMOUTH, MN	SS / FFP	JMC, ROCK ISLAND, IL	Mar 2012	Jul 2013	3,240	2,100.00	Y		
3) CA57 CARTRIDGE, 120MM, MPHE												
3.1) CA57 SYSTEM BUY		2014	TBD / UNKNOWN	C / TBD	MCSC, QUANTICO VA	Oct 2013	Oct 2014	339	9,600.00	N		
4) EFSS, EXPEDITIONARY FIRE SUPPORT SYSTEM (EFSS)												
4.1) EFSS AMMUNITION		2009	GENERAL DYNAMICS / ST PETERSBURG, FL	C / FFP	MCSC, QUANTICO VA	Jan 2011	Jul 2013	11,984	4,685.80	Y		
4.1) EFSS AMMUNITION	✓	2009	GENERAL DYNAMICS / ST PETERSBURG, FL	C / FFP	MCSC, QUANTICO VA	Jan 2011	Jul 2013	6,682	4,685.80	Y		
4.1) EFSS AMMUNITION		2010	GENERAL DYNAMICS / ST PETERSBURG, FL	C / FFP	MCSC, QUANTICO VA	Jan 2011	Jul 2013	3,815	4,685.80	Y		
4.1) EFSS AMMUNITION	✓	2010	GENERAL DYNAMICS / ST PETERSBURG, FL	C / FFP	MCSC, QUANTICO VA	Jan 2011	Aug 2013	854	4,685.80	Y		
4.1) EFSS AMMUNITION	✓	2011	GENERAL DYNAMICS / ST PETERSBURG, FL	C / FFP	MCSC, QUANTICO VA	Jan 2011	Aug 2013	17,374	4,826.32	Y		
4.1) EFSS AMMUNITION	✓	2012	GENERAL DYNAMICS / ST PETERSBURG, FL	C / FFP	MCSC, QUANTICO VA	Jan 2012	May 2014	891	4,970.43	Y		
5) CA45 HIGH EXPLOSIVE CARTRIDGE M1101												
†5.1) CA45 ALL UP ROUND		2013	GENERAL DYNAMICS / ST. PETERSBURG, FL	C / FFP	MCSC, QUANTICO VA	Apr 2014	Oct 2015	4,705	2,668.80	Y		
†5.1) CA45 ALL UP ROUND	✓	2013	GENERAL DYNAMICS / ST. PETERSBURG, FL	C / FFP	MCSC, QUANTICO VA	Apr 2014	Oct 2015	4,348	2,669.00	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1121 - 120 MM, All Types					Aggregated Item Name: 120 MM, All Types			
Items († indicates the presence of a P-21)	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†5.1) CA45 ALL UP ROUND		2014	GENERAL DYNAMICS / ST. PETERSBURG, FL	C / FFP	MCSC, QUANTICO VA	Apr 2014	Oct 2015	1,963	2,789.00	Y		
7) CA49 120MM MORTAR WHITE PHOSPHORUS, XM1103												
7.1) CA49 ALL UP ROUND		2014	GENERAL DYNAMICS / ST PETERSBURG, FL	C / FFP	MCSC, QUANTICO VA	Oct 2013	Apr 2015	457	6,683.00	N		
8) DWGU 120MM MORTAR TAIL CHARGE ASSEMBLY												
8.1) DWGU ALL UP ROUND		2014	GENERAL DYNAMICS / ST PETERSBURG, FL	C / FFP	MCSC, QUANTICO VA	Oct 2013	Apr 2015	236	6,685.00	N		

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																								Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition										P-1 Line Item Nomenclature: 1121 - 120 MM, All Types										Aggregated Item Name: 120 MM, All Types											
Items <i>(Units in Each)</i>							Fiscal Year 2011										Fiscal Year 2012														
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2010	BAL DUE AS OF 1 OCT	Calendar Year 2011										Calendar Year 2012										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
5) CA45 HIGH EXPLOSIVE CARTRIDGE M1101																															
5.1) CA45 ALL UP ROUND																															
	5	2013	NAVY	4,705	-	4,705	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,705
✓	5	2013	NAVY	4,348	-	4,348	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,348
	5	2014	NAVY	1,963	-	1,963	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,963
							O C T	N O V	D E C	J A N	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

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																								Date: April 2013							
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition										P-1 Line Item Nomenclature: 1121 - 120 MM, All Types										Aggregated Item Name: 120 MM, All Types											
Items (Units in Each)							Fiscal Year 2013										Fiscal Year 2014														
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013										Calendar Year 2014										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
5) CA45 HIGH EXPLOSIVE CARTRIDGE M1101																															
5.1) CA45 ALL UP ROUND																															
	5	2013	NAVY	4,705	-	4,705	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	4,705
✓	5	2013	NAVY	4,348	-	4,348	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	4,348
	5	2014	NAVY	1,963	-	1,963	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	1,963
							O C T	N O V	D E C	J A N	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

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013											
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition										P-1 Line Item Nomenclature: 1121 - 120 MM, All Types										Aggregated Item Name: 120 MM, All Types											
Items <i>(Units in Each)</i>							Fiscal Year 2015										Fiscal Year 2016														
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015										Calendar Year 2016										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
5) CA45 HIGH EXPLOSIVE CARTRIDGE M1101																															
5.1) CA45 ALL UP ROUND																															
	5	2013	NAVY	4,705	-	4,705	-	-	-	-	-	-	-	-	-	-	-	-	2,000	2,704											1
✓	5	2013	NAVY	4,348	-	4,348	-	-	-	-	-	-	-	-	-	-	-	-	2,000	2,348											-
	5	2014	NAVY	1,963	-	1,963	-	-	-	-	-	-	-	-	-	-	-	-	1,962											1	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition	P-1 Line Item Nomenclature: 1121 - 120 MM, All Types	Aggregated Item Name: 120 MM, All Types

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	GENERAL DYNAMICS - ST. PETERSBURG, FL	1,800.00	12,000.00	24,000.00	18	-	18	18	18	-	18	18

"A" in the Delivery Schedule indicated the Contract Award Date.
Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							P-1 Line Item Nomenclature: 1388 - CTG 25 MM, All Types						
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:					Other Related Program Elements:				
MDAP/MAIS Code(s):													
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost <i>(\$ in Millions)</i>	4.611	3.889	2.831	-	-	-	0.060	-	-	-	-	11.391	
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) <i>(\$ in Millions)</i>	4.611	3.889	2.831	-	-	-	0.060	-	-	-	-	11.391	
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority <i>(\$ in Millions)</i>	4.611	3.889	2.831	-	-	-	0.060	-	-	-	-	11.391	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>													
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The family of 25mm cartridges is fired from the M242 Automatic Cannon and consists of armor piercing rounds, designed to engage lightly armored vehicles, and incendiary rounds designed to engage unarmored vehicles, helicopters and suppress anti-tank positions and enemy squads, as well as a suite of training ammunition.													

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
CTG 25 MM, All Types	P40A, P5A				4.611			3.889			2.831			-			-			-
Total Gross/Weapon System Cost					4.611			3.889			2.831			-			-			-

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
 FY 2012 Base Appropriation \$3.889:
 \$0.072M provided funding to the Single Manager for Conventional Ammunition to pay for engineering support for items in production (ESIP) for previous years procurements of the Cartridge, 25mm Target Practice, Discarding Sabot with Tracer cartridge to support training for the M242 Automatic Cannon. \$3.817M procured the 25mm Target Practice-Tracer (TP-T) Linked, which is a target practice cartridge used

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		P-1 Line Item Nomenclature: 1388 - CTG 25 MM, All Types
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
<p>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>FY 2012 Overseas Contingency Operations (OCO): N/A</p> <p>FY 2013 Base Appropriation: \$2.831M procures the 25mm Target Practice-Tracer (TP-T) Linked, which is a target practice cartridge used in training, gun testing, and gun system functioning for the M242 25mm Automatic Cannon.</p> <p>FY 2013 Overseas Contingency Operations (OCO): N/A</p> <p>FY 2014 Base Appropriation: N/A</p>		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy														Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition						P-1 Line Item Nomenclature: 1388 - CTG 25 MM, All Types								Aggregated Item Name: CTG 25 MM, All Types						
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) A940, CTG, 25MM TPDS-T LINKED M910																				
1.1) A940 LOAD, ASSEMBLE, AND PACK C2	A		28.18	94,749	2.670	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) A940 CONTAINER PA125	A		50.35	2,562	0.129	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) A940 PRODUCTION ENGINEERING			-	-	-	-	-	0.067	-	-	-	-	-	-	-	-	-	-	-	-
1.4) A940 QUALITY ASSURANCE			-	-	-	-	-	0.005	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) A940, CTG, 25MM TPDS-T LINKED M910					2.799			0.072			-			-			-			-
2) A967, CARTRIDGE, 25MM DUMMY M794 LINKED																				
2.1) A967 PRODUCTION ENGINEERING			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) A967, CARTRIDGE, 25MM DUMMY M794 LINKED					0.000			-			-			-			-			-
3) A976, CTG, 25MM TP-T LINKED M793																				
3.1) A976 LOAD, ASSEMBLE, AND PACK C1	A		32.25	53,062	1.711	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 3.2) A976 LOAD, ASSEMBLE, AND PACK C2	A		-	-	-	17.61	190,517	3.355	37.62	68,767	2.587	-	-	-	-	-	-	-	-	-
† 3.3) A976 CONTAINER PA125	A		25.86	1,663	0.043	57.08	6,535	0.373	64.64	2,351	0.152	-	-	-	-	-	-	-	-	-
3.4) A976 PRODUCTION ENGINEERING			-	-	0.057	-	-	0.085	-	-	0.092	-	-	-	-	-	-	-	-	-
3.5) A976 QUALITY ASSURANCE			-	-	0.001	-	-	0.004	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) A976, CTG, 25MM TP-T LINKED M793					1.812			3.817			2.831			-			-			-
Total					4.611			3.889			2.831			-			-			-

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1388 - CTG 25 MM, All Types					Aggregated Item Name: CTG 25 MM, All Types			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
3) A976, CTG, 25MM TP-T LINKED M793												
3.2) A976 LOAD, ASSEMBLE, AND PACK C2		2012	ALLIANT TECH SYS, INC / MESA, AZ	C / FFP	ROCK ISLAND ARSENAL	May 2012	Feb 2013	190,517	17.61	Y		Mar 2012
3.2) A976 LOAD, ASSEMBLE, AND PACK C2		2013	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Apr 2014	68,767	37.62	Y		Jan 2013
3.3) A976 CONTAINER PA125		2012	CONCO, INC / LOUISVILLE, KY	C / FFP	ROCK ISLAND ARSENAL	Jul 2012	Dec 2012	6,535	57.08	Y		
3.3) A976 CONTAINER PA125		2013	CONCO, INC / LOUISVILLE, KY	C / FFP	ROCK ISLAND ARSENAL	Mar 2013	Nov 2013	2,351	64.64	Y		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition	P-1 Line Item Nomenclature: 1468 - Grenades, All Types
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	24.586	19.363	9.993	2.149	-	2.149	1.217	1.014	0.230	4.229	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	24.586	19.363	9.993	2.149	-	2.149	1.217	1.014	0.230	4.229	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	24.586	19.363	9.993	2.149	-	2.149	1.217	1.014	0.230	4.229	Continuing	Continuing

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Grenade, All Types BLIN includes all Grenades, all Pyrotechnics, and all Land Mines. Grenade items, such as the Hand Fragmentation is used against personnel, fortified bunkers, unarmored targets, etc. Also, Practice Fuzes for the Practice Grenade are used for general-purposes to train in the use of the live fragmentation grenades. Incendiary Grenades provide the capability to produce flame and/or burn-melt an object/equipment, and is the primary source of intense heat, if required. Hand Riot CS Grenades are bursting type that dispenses riot control agent. These grenades are also used to simulate chemical agents during training exercises and are used for training in riot control countermeasures. Colored Smoke Grenades (5 Colors: Green, Yellow, Red, Violet, and White) provide smoke for ground-to-air or ground-to-ground signaling.

Pyrotechnic items for the most part, are hand held/employed explosive devices used to simulate actual expositions on the battlefield. They are used as signaling devices dependent on actual missions or training operations. Pyrotechnic items also provide Hand Held Illumination Parachutes and Cluster devices used for signaling ground troop emplacements and are occasionally used to signal aircraft. Several other Pyrotechnic devices are also used to simulate battlefield noises and effects, Artillery shells in flight, ground burst explosions, and to simulate target impact and/or target kill on armored vehicles. The Battlefield Effects Simulator (BES) used by Marines are OMEGA 36 cartridges; LA44 - Simulator Signal & Illumination White Star, LA45 - Simulator, Airburst, LA46 - Simulator, Hostile Fire, and LA47 - Simulator, AT Stinger. These types of devices also teach Marines detection and precautionary measures, effects on the battlefield using simulated booby traps, and effects of Improvised Explosive Devices (IEDs). Additionally, capsules filled with chemical agent, ortho-chlorobenzylidene malano-nitrile (CS), are used to simulate a chemical/biological attack. This irritant is used on the Marine to ensure that they can demonstrate the use of protection afforded by a properly fitted Chemical-Biological/Gas masks.

Land Mines described are all types, to include the Spider Area Denial Land Mine system, along with the Inert/Practice/Trainer Land Mines for simulating use and/or employment. The M18A1 Anti-Personal Mine (Claymore) is intended for use in a variety of ways, but for the most part, used as Anti-Personal and are hand emplaced. This is the only Land Mine currently procured by the USMC. Additionally, the Spider Area Denial Land Mine system, developed by the U. S. Army, is under consideration by the Marine Corps.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition											P-1 Line Item Nomenclature: 1468 - Grenades, All Types									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:								
MDAP/MAIS Code(s):																				
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Grenades, All Types	P40A, P5A			24.586			19.363			9.993			2.149			-				2.149
Total Gross/Weapon System Cost				24.586			19.363			9.993			2.149			-				2.149
<p>*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.</p> <p>Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.</p>																				
<p>Justification: FY 2012 Base Appropriation Request \$13.452M: \$2.886M procured Practice Fuzes, M228; \$2.236M procured Hand, Fragmentation Grenades, M67; \$1.500M procured Incendiary Grenades, AN M-14; \$.200M funded Engineering Support In Production (ESIP) on the Grenades, 66mm, MK1 MOD0; \$.500M funded ESIP on the Claymore Land Mines, M18A1; \$1.909M funded ESIP on the Spider (KSPD) Area Denial Land Mine system; \$.300M funded ESIP on ortho-chlorobenzylidene malano-nitrile (CS) Capsules; \$.070M funded ESIP for Hand Held Illumination devices; \$1.051M procures Hand Grenade Simulators, M115; \$.300M funded ESIP for Battlefield Effects Simulator (BES) OMEGA-36 cartridges(LA44, LA45, LA46, and LA47); \$2.000M procures Signal Colored Smoke Grenades(SCSG); \$.500M funded ESIP on Smoke Sam's, GTR-18. These items are used to meet training and combat requirements that have been identified in the Total Munitions Requirement (TMR).</p> FY 2012 Overseas Contingency Operations (OCO) Request \$5.911M: \$1.300M procured Hand, Fragmentation Grenades, M67; \$1.900M procured Incendiary Grenades, AN M-14; \$1.800M procured Claymore Land Mines, M18A1; \$.911M procured Smoke Sam's, GTR-18. Items have been expended by Marine Forces during preparation, rehearsals, and combat engagements utilizing established tactics, techniques, and procedures ISO the TMR. FY 2013 Base Appropriation Request \$7.634M: \$2.628M procures SCSG; \$.5006M procures 66mm Screening Smoke Grenades, MK1 MOD0. All of these items are ISO the training and combat requirements identified in the TMR. FY 2013 Overseas Contingency Operations (OCO) Request \$2.359M: \$1.359M procures SCSG; \$1.000M procures Hand Grenade Simulators, M115. Items have been expended by Marine Forces during preparation, rehearsals, and combat engagements utilizing established tactics, techniques and procedures ISO the TMR. FY 2014 Base Appropriation Request \$2.149M: \$.101M funded ESIP on the Hand Grenade Practice Fuzes, M228; \$.369M procures ortho-chlorobenzylidene malano-nitrile (CS) Capsules; \$1.679M procures BES OMEGA-36 cartridges. All of these items are used to meet training and combat requirements that have been identified in the TMR.																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition									P-1 Line Item Nomenclature: 1468 - Grenades, All Types						Aggregated Item Name: Grenades, All Types					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) G878 FUZE, HAND GREN PRACT W/ CONF CLIP M228																				
1.1) G878 LOAD, ASSEMBLE, PACK (LAP) C 1	A		5.65	230,000	1.300	-	-	1.048	-	-	-	-	-	-	-	-	-	-	-	-
1.2) G878 LOAD, ASSEMBLE, PACK (LAP) C 2	A		5.62	236,000	1.326	-	-	1.570	-	-	-	-	-	-	-	-	-	-	-	-
1.3) G878 PRODUCT ENGINEERING			-	-	0.463	-	-	0.260	-	-	-	-	-	0.096	-	-	-	-	-	0.096
1.4) G878 QUALITY ASSURANCE			-	-	0.011	-	-	0.008	-	-	-	-	-	0.005	-	-	-	-	-	0.005
Subtotal 1) G878 FUZE, HAND GREN PRACT W/ CONF CLIP M228					3.100			2.886			-			0.101			-			0.101
2) G881 GRENADE, HAND FRAG W/ CONF CLIP M67																				
† 2.1) G881 LOAD, ASSEMBLE AND PACK (LAP)	A		-	-	8.641	29.70	96,027	2.852	-	-	-	-	-	-	-	-	-	-	-	-
2.2) G881 PRODUCT ENGINEERING			-	-	1.163	-	-	0.673	-	-	-	-	-	-	-	-	-	-	-	-
2.3) G881 QUALITY ASSURANCE			-	-	0.026	-	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) G881 GRENADE, HAND FRAG W/ CONF CLIP M67					9.830			3.536			-			-			-			-
3) G900 GRENADE, HAND INCENDIARY TH3 AN-M14																				
† 3.1) G900 LOAD, ASSEMBLE AND PACK (LAP)	A		70.35	12,651	0.890	91.54	27,485	2.516	-	-	-	-	-	-	-	-	-	-	-	-
† 3.2) G900 FUZE HAND GRENADE M201A1	A		4.35	13,103	0.057	4.62	28,572	0.132	-	-	-	-	-	-	-	-	-	-	-	-
† 3.3) G900 GREN, TOPS AND BODIES	A		1.51	14,570	0.022	1.65	31,515	0.052	-	-	-	-	-	-	-	-	-	-	-	-
3.4) G900 PRODUCT ENGINEERING			-	-	0.242	-	-	0.695	-	-	-	-	-	-	-	-	-	-	-	-
3.5) G900 QUALITY ASSURANCE			-	-	0.001	-	-	0.005	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) G900 GRENADE, HAND INCENDIARY TH3 AN-M14					1.212			3.400			-			-			-			-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition						P-1 Line Item Nomenclature: 1468 - Grenades, All Types						Aggregated Item Name: Grenades, All Types									
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
4) GG24, GREN 66MM SSVL MK 1 MOD 0																					
† 4.1) GG24 LOAD, ASSEMBLE, AND PACK (LAP)	A		-	-	-	602.29	332	0.200	604.66	4,971	3.006	-	-	-	-	-	-	-	-	-	
4.2) GG24 NON RECURRING	A		-	-	-	-	-	-	-	-	2.000	-	-	-	-	-	-	-	-	-	
Subtotal 4) GG24, GREN 66MM SSVL MK 1 MOD 0					-			0.200			5.006			-			-			-	
5) J007 MINE, APERS M18A1 W/ SHOCK TUBE																					
† 5.1) J007 LOAD, ASSEMBLE AND PACK (LAP)	A		209.33	965	0.202	158.53	10,553	1.673	-	-	-	-	-	-	-	-	-	-	-	-	
† 5.2) J007 COMP C-4 CLASS 3	A		19.38	1,600	0.031	15.64	17,392	0.272	-	-	-	-	-	-	-	-	-	-	-	-	
5.3) J007 PRODUCT ENGINEERING			-	-	-	-	-	0.350	-	-	-	-	-	-	-	-	-	-	-	-	
5.4) J007 QUALITY ASSURANCE			-	-	-	-	-	0.005	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 5) J007 MINE, APERS M18A1 W/ SHOCK TUBE					0.233			2.300			-			-			-			-	
6) K765 RIOT CONTROL AGENT, CS																					
† 6.1) K765 LOAD, ASSEMBLE AND PACK (LAP)	A		-	-	-	-	-	-	-	-	-	0.42	638,095	0.268	-	-	-	0.42	638,095	0.268	
6.2) K765 PRODUCT ENGINEERING			-	-	-	-	-	0.300	-	-	-	-	-	0.100	-	-	-	-	-	0.100	
6.3) K765 QUALITY ASSURANCE			-	-	-	-	-	-	-	-	-	-	-	0.001	-	-	-	-	-	0.001	
Subtotal 6) K765 RIOT CONTROL AGENT, CS					-			0.300			-			0.369			-			0.369	
7) KSPD (TS01, 02, 04) MUNITION CONTROL UNIT																					
7.1) KSPD LOAD, ASSEMBLE AND PACK (LAP)	A		451,500.00	4	1.806	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7.2) KSPD PRODUCT ENGINEERING			-	-	0.244	-	-	1.909	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 7) KSPD (TS01, 02, 04) MUNITION CONTROL UNIT					2.050			1.909			-			-			-			-	

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition									P-1 Line Item Nomenclature: 1468 - Grenades, All Types							Aggregated Item Name: Grenades, All Types				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
8) L305 SIGNAL, ILLUM GROUND GSP M195																				
8.1) L305 LOAD, ASSEMBLE AND PACK (LAP)	A		41.33	28,693	1.186	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 8.2) L305 BOX METAL M548 (EA)	A		31.67	884	0.028	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.3) L305 PRODUCT ENGINEERING			-	-	0.034	-	-	0.020	-	-	-	-	-	-	-	-	-	-	-	-
8.4) L305 QUALITY ASSURANCE			-	-	0.004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 8) L305 SIGNAL, ILLUM GROUND GSP M195					1.252			0.020			-			-			-			-
9) L311 SIGNAL, ILLUM GROUND RSP M126A1																				
9.1) L311 PRODUCT ENGINEERING			-	-	-	-	-	0.050	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 9) L311 SIGNAL, ILLUM GROUND RSP M126A1					-			0.050			-			-			-			-
10) L314 SIGNAL, ILLUM GROUND GSC M125A1																				
10.1) L314 PRODUCT ENGINEERING			-	-	0.981	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 10) L314 SIGNAL, ILLUM GROUND GSC M125A1					0.981			-			-			-			-			-
11) L594 SIMULATOR, PROJ GROUND BURST M115A2																				
† 11.1) L594 LOAD, ASSEMBLE AND PACK (LAP)	A		20.03	26,211	0.525	23.04	36,762	0.847	17.08	58,548	1.000	-	-	-	-	-	-	-	-	-
11.2) L594 PRODUCT ENGINEERING			-	-	0.063	-	-	0.201	-	-	-	-	-	-	-	-	-	-	-	-
11.3) L594 QUALITY ASSURANCE			-	-	0.002	-	-	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 11) L594 SIMULATOR, PROJ GROUND BURST M115A2					0.590			1.051			1.000			-			-			-
12) LA44 SIMULATOR SIGNAL & ILLUM WHITE STAR																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition								P-1 Line Item Nomenclature: 1468 - Grenades, All Types							Aggregated Item Name: Grenades, All Types					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 12.1) LA44 SIMULATOR, SIG & ILLUM WS GF 1.5	A		-	-	-	-	-	-	-	-	-	6.89	65,893	0.454	-	-	-	6.89	65,893	0.454
12.2) LA44 PRODUCT ENGINEERING			-	-	-	-	-	0.100	-	-	-	-	-	0.040	-	-	-	-	-	0.040
12.3) LA44 QUALITY ASSURANCE			-	-	-	-	-	-	-	-	-	-	-	0.002	-	-	-	-	-	0.002
Subtotal 12) LA44 SIMULATOR SIGNAL & ILLUM WHITE STAR					-			0.100			-			0.496			-			0.496
13) LA45 SIMULATOR AIRBURST																				
† 13.1) LA45 SIMULATOR, AIRBURST GF 1.5	A		-	-	-	-	-	-	-	-	-	14.30	24,825	0.355	-	-	-	14.30	24,825	0.355
13.2) LA45 PRODUCT ENGINEERING			-	-	-	-	-	0.050	-	-	-	-	-	0.041	-	-	-	-	-	0.041
13.3) LA45 QUALITY ASSURANCE			-	-	-	-	-	-	-	-	-	-	-	0.001	-	-	-	-	-	0.001
Subtotal 13) LA45 SIMULATOR AIRBURST					-			0.050			-			0.397			-			0.397
14) LA46 SIMULATOR HOSTILE FIRE																				
† 14.1) LA46 SIMULATOR, HOSTILE FIRE GF 1.5	A		-	-	-	-	-	-	-	-	-	7.20	61,111	0.440	-	-	-	7.20	61,111	0.440
14.2) LA46 PRODUCT ENGINEERING			-	-	-	-	-	0.100	-	-	-	-	-	0.040	-	-	-	-	-	0.040
14.3) LA46 QUALITY ASSURANCE			-	-	-	-	-	-	-	-	-	-	-	0.001	-	-	-	-	-	0.001
Subtotal 14) LA46 SIMULATOR HOSTILE FIRE					-			0.100			-			0.481			-			0.481
15) LA47 SIMULATOR AT GUIDED MISSILE STINGER																				
† 15.1) LA47 SIMULATOR, AT GM STINGER 1.5	A		-	-	-	-	-	-	-	-	-	11.41	23,138	0.264	-	-	-	11.41	23,138	0.264
15.2) LA47 PRODUCT ENGINEERING			-	-	-	-	-	0.050	-	-	-	-	-	0.040	-	-	-	-	-	0.040
15.3) LA47 QUALITY ASSURANCE			-	-	-	-	-	-	-	-	-	-	-	0.001	-	-	-	-	-	0.001

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition								P-1 Line Item Nomenclature: 1468 - Grenades, All Types								Aggregated Item Name: Grenades, All Types				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 15) LA47 SIMULATOR AT GUIDED MISSILE STINGER					-			0.050			-			0.305			-			0.305
16) SCSG SIGNALING COLORED SMOKE GRENADES (Includes All Smoke Gren Funding for G940, G945, and																				
† 16.1) SCSG , SIGNALING COLORED SMOKE GRENADES	A		40.19	123,821	4.976	42.00	47,619	2.000	44.00	90,613	3.987	-	-	-	-	-	-	-	-	-
Subtotal 16) SCSG SIGNALING COLORED SMOKE GRENADES (Includes All Smoke Gren Funding for G940, G945, and					4.976			2.000			3.987			-			-			-
17) YW33 GTR-18 SMOKEY SAM																				
† 17.1) YW33 LOAD, ASSEMBLE AND PACK (LAP)	A		-	-	-	172.18	5,291	0.911	-	-	-	-	-	-	-	-	-	-	-	-
17.2) YW33 PRODUCT ENGINEERING			-	-	0.362	-	-	0.500	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 17) YW33 GTR-18 SMOKEY SAM					0.362			1.411			-			-			-			-
Total					24.586			19.363			9.993			2.149			-			2.149

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1468 - Grenades, All Types					Aggregated Item Name: Grenades, All Types			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2) G881 GRENADE, HAND FRAG W/ CONF CLIP M67												
2.1) G881 LOAD, ASSEMBLE AND PACK (LAP)		2012	DAY&ZIMMERMAN LONE STAR LLC, TEXARKANA, TX / TEXARKANA, TX	C / FFP	JMC	Mar 2012	Mar 2014	52,256	29.70	Y		Jan 2012
2.1) G881 LOAD, ASSEMBLE AND PACK (LAP)	✓	2012	DAY&ZIMMERMAN LONE STAR LLC, TEXARKANA, TX / TEXARKANA, TX	C / FFP	JMC	Mar 2012	Mar 2014	43,771	29.70	Y		Jan 2012
3) G900 GRENADE, HAND INCENDIARY TH3 AN-M14												
3.1) G900 LOAD, ASSEMBLE AND PACK (LAP)		2012	PINE BLUFF ARSENAL / PINE BLUFF, AR	PO	JMC	Mar 2012	Oct 2013	8,149	91.54	Y		Jan 2012
3.1) G900 LOAD, ASSEMBLE AND PACK (LAP)	✓	2012	PINE BLUFF ARSENAL / PINE BLUFF, AR	PO	JMC	Mar 2012	Oct 2013	19,336	91.54	Y		Jan 2012
3.2) G900 FUZE HAND GRENADE M201A1		2012	CHEMRING ORDNANCE, INC. / PERRY,FL	C / FFP	JMC	Mar 2012	Jan 2013	8,442	4.62	Y		Jan 2012
3.2) G900 FUZE HAND GRENADE M201A1	✓	2012	CHEMRING ORDNANCE, INC. / PERRY,FL	C / FFP	JMC	Mar 2012	Jan 2013	20,130	4.62	Y		Jan 2012
3.3) G900 GREN, TOPS AND BODIES		2012	TOOL MASTERS INC / TUSCUMBIA, AL	C / FFP	JMC	Mar 2012	Jan 2013	9,091	1.65	Y		Jan 2012
3.3) G900 GREN, TOPS AND BODIES	✓	2012	TOOL MASTERS INC / TUSCUMBIA, AL	C / FFP	JMC	Mar 2012	Jan 2013	22,424	1.65	Y		Jan 2012
4) GG24, GREN 66MM SSVL MK 1 MOD 0												
4.1) GG24 LOAD, ASSEMBLE, AND PACK (LAP)		2012	TBD / TBD	C / FFP	JMC	Mar 2013	Sep 2014	332	602.29	Y		Mar 2013
4.1) GG24 LOAD, ASSEMBLE, AND PACK (LAP)		2013	TBD / TBD	C / FFP	JMC	Mar 2013	Sep 2014	4,971	604.66	Y		Mar 2013
5) J007 MINE, APERS M18A1 W/ SHOCK TUBE												
5.1) J007 LOAD, ASSEMBLE AND PACK (LAP)		2012	SPECTRA TECHNOLOGIES / CAMDEN, AR	C / FFP	JMC	Mar 2012	Jun 2013	788	158.53	Y		Jan 2012
5.1) J007 LOAD, ASSEMBLE AND PACK (LAP)	✓	2012	SPECTRA TECHNOLOGIES / CAMDEN, AR	C / FFP	JMC	Mar 2012	Jun 2013	9,765	158.53	Y		Jan 2012
5.2) J007 COMP C-4 CLASS 3		2012	BAE ORDNANCE SYSTEMS / KINGSFORT, TN	SS / FFP	JMC	Apr 2012	Jan 2013	1,279	15.64	Y		Feb 2012
5.2) J007 COMP C-4 CLASS 3	✓	2012	BAE ORDNANCE SYSTEMS / KINGSFORT, TN	SS / FFP	JMC	Apr 2012	Jan 2013	16,113	15.64	Y		Feb 2012

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1468 - Grenades, All Types					Aggregated Item Name: Grenades, All Types			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
6) K765 RIOT CONTROL AGENT, CS												
6.1) K765 LOAD, ASSEMBLE AND PACK (LAP)		2014	TBD / TBD	C / FFP	JMC	Mar 2014	Mar 2015	638,095	0.42	Y		Jan 2014
8) L305 SIGNAL, ILLUM GROUND GSP M195												
8.2) L305 BOX METAL M548 (EA)		2011	CONCO, INC / LOUISVILLE, KY	C / FFP	JMC	Mar 2011	Jun 2012	31	32.26	Y		Jan 2011
11) L594 SIMULATOR, PROJ GROUND BURST M115A2												
11.1) L594 LOAD, ASSEMBLE AND PACK (LAP)		2012	PYROTECHNIQUE GRUCCI / RADFORD, VA	C / FFP	JMC	May 2012	Mar 2013	36,762	23.04	Y		Mar 2012
11.1) L594 LOAD, ASSEMBLE AND PACK (LAP)	✓	2013	PYROTECHNIQUE GRUCCI / RADFORD, VA	C / FFP	JMC	Mar 2013	Mar 2014	58,548	17.08	Y		Jan 2013
12) LA44 SIMULATOR SIGNAL & ILLUM WHITE STAR												
12.1) LA44 SIMULATOR, SIG & ILLUM WS GF 1.5		2014	TBD / TBD	C / TBD	MCSC	May 2014	May 2015	65,893	6.89	Y		Feb 2014
13) LA45 SIMULATOR AIRBURST												
13.1) LA45 SIMULATOR, AIRBURST GF 1.5		2014	TBD / TBD	C / TBD	MCSC	May 2014	May 2015	24,825	14.30	Y		Feb 2014
14) LA46 SIMULATOR HOSTILE FIRE												
14.1) LA46 SIMULATOR, HOSTILE FIRE GF 1.5		2014	TBD / TBD	C / TBD	MCSC	May 2014	May 2015	61,111	7.20	Y		Feb 2014
15) LA47 SIMULATOR AT GUIDED MISSILE STINGER												
15.1) LA47 SIMULATOR, AT GM STINGER 1.5		2014	TBD / TBD	C / TBD	MCSC	May 2014	May 2015	23,138	11.41	Y		Feb 2014
16) SCSG SIGNALING COLORED SMOKE GRENADES (Includes All Smoke Gren Funding for G940, G945, and												
16.1) SCSG , SIGNALING COLORED SMOKE GRENADES		2012	RHEINMETALL / GERMANY	C / IDIQ	MCSC	Oct 2012	Oct 2013	47,619	42.00	Y		Jul 2012

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity:				P-1 Line Item Nomenclature:					Aggregated Item Name:			
1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				1468 - Grenades, All Types					Grenades, All Types			
Items	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
16.1) SCSG , SIGNALING COLORED SMOKE GRENADES		2013	RHEINMETALL / GERMANY	C / IDIQ	MCSC	Sep 2013	Dec 2014	59,727	44.00	Y		Jun 2013
16.1) SCSG , SIGNALING COLORED SMOKE GRENADES	✓	2013	RHEINMETALL / GERMANY	C / IDIQ	MCSC	Sep 2013	Dec 2014	30,886	44.00	Y		Jun 2013
17) YW33 GTR-18 SMOKEY SAM												
17.1) YW33 LOAD, ASSEMBLE AND PACK (LAP)	✓	2012	NSWC INDIAN HEAD DIV / Indian Head, MD	SS / FFP	JMC	Mar 2012	Mar 2013	5,291	172.18	Y		Jan 2012

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							P-1 Line Item Nomenclature: 1471 - Rockets, All Types					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	52.000	29.634	30.579	27.465	-	27.465	17.653	44.160	57.451	56.302	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	52.000	29.634	30.579	27.465	-	27.465	17.653	44.160	57.451	56.302	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	52.000	29.634	30.579	27.465	-	27.465	17.653	44.160	57.451	56.302	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The family of shoulder fired rockets provide lightweight, single shot, disposable weapons mainly employed against and optimized to defeat light armored vehicles and other hard targets at close combat ranges. They can be employed from an enclosure or the open battle field as assault weapons against bunkers, field fortifications, structures and other hard-point positions. Each shoulder fired rocket family has a training launcher and sub-caliber practice rocket that fully simulates firing. This includes items such as: The Cartridge and Launcher, 84mm M136 AT(Anti-Tank)-4 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. The M72AS Trainer Rocket is a 21mm Sub-Caliber practice rocket that fully simulates the M72A7 Tactical Rocket. The Trainer Rocket is used with the M72AS Trainer Launcher which is the same tube as the Tactical Rocket but contains an insert for use with the smaller 21mm sub-caliber munition. The M72A7 Tactical Rocket, High Explosive anti-armor weapon is a lightweight, single shot, disposable weapon optimized to defeat light armored vehicles and other hard targets at close combat ranges. The M72 Fire From Enclosure (FFE) HAX1 and HAX2 Tactical Rockets are High Explosive, anti-armor and anti-structure lightweight, single shot, disposable weapons optimized to defeat light armored vehicles and other hard targets plus structures at close combat ranges. These two new shoulder fired weapon systems are upgrades to the current M72A7 system. The Rocket, 83mm Common Practice (CP) Shoulder Mounted Assault Weapon (SMAW) Rocket and the Follow on to SMAW (FOTS) Practice Training round Rockets (FTPR) are designed as a practice round for SMAW rockets. The Rocket, 83mm Fire from Enclosure (FFE), Follow on to SMAW, (FOTS) Multi Purpose Round Rocket (FWBR) is designed as a lightweight, single shot weapon. It is optimized to defeat structures, hard targets and light armor threats at close combat ranges. These two, FTPR and FWBR, new shoulder fired weapon systems are upgrades to the current Legacy SMAW rounds.												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition												P-1 Line Item Nomenclature: 1471 - Rockets, All Types									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Rockets, All Types	P40A, P5A, P21				52.000			29.634			30.579			27.465			-			27.465
Total Gross/Weapon System Cost					52.000			29.634			30.579			27.465			-			27.465

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
FY 2012 Base Appropriation Request: \$125K procured and supported the HA21, 21mm training rocket, \$6.650M procured HA29 66mm shoulder fired rocket and \$3.988M procured the M72AS Light Weight Anti-Armor Weapon (LAW) Trainer for the training and combat requirement that was identified in the Total Munitions Requirement (TMR).

FY 2012 Overseas Contingency Operations (OCO) Request: \$18.871M procured 66mm shoulder fired rocket ammunition for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures.

FY 2013 Base Appropriation Request: \$27.528M procures the HX07 83mm Common Practice (CP) Shoulder Mounted Assault Weapon (SMAW). These assets will replenish munitions that have been expended by Marine forces during training, preparation and rehearsals for combat engagements.

FY 2013 Overseas Contingency Operations (OCO) Request: \$3.051M procures 66mm shoulder fired rocket ammunition for replenishment of munitions that have been expended by Marine forces during training, preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures.

FY 2014 Base Appropriation Request: \$27.465M procures the HX07 83mm Common Practice (CP) Shoulder Mounted Assault Weapon (SMAW). These assets will replenish munitions that have been expended by Marine forces during training, preparation and rehearsals for combat engagements.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition						P-1 Line Item Nomenclature: 1471 - Rockets, All Types									Aggregated Item Name: Rockets, All Types					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) HA21 ROCKET, TRAINER M72AS 21MM																				
1.1) HA21 COMPLETE ROUND	A		77.84	45,966	3.578	84.19	1,485	0.125	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) HA21 ROCKET, TRAINER M72AS 21MM					3.578			0.125			-			-			-			-
2) HA29 ROCKET, 66MM HE M72A7 W/ GRAZE																				
† 2.1) HA29 COMPLETE ROUND	A		2,491.76	16,496	41.104	2,595.97	9,831	25.521	2,681.02	1,138	3.051	-	-	-	-	-	-	-	-	-
Subtotal 2) HA29 ROCKET, 66MM HE M72A7 W/ GRAZE					41.104			25.521			3.051			-			-			-
3) M72AS Trainer Launcher																				
† 3.1) M72 AS Trainer Launcher	A		1,940.37	1,392	2.701	1,940.63	2,055	3.988	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) M72AS Trainer Launcher					2.701			3.988			-			-			-			-
4) HAX1 ROCKET, 66MM M72 FFE ANTI ARMOR																				
4.1) HAX1 COMPLETE ROUND	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) HAX1 ROCKET, 66MM M72 FFE ANTI ARMOR					0.000			-			-			-			-			-
5) HAX2 ROCKET, 66MM M72 FFE ANTI STRUCTURE																				
5.1) HAX2 COMPLETE ROUND	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) HAX2 ROCKET, 66MM M72 FFE ANTI STRUCTURE					0.000			-			-			-			-			-
6) C995 ROCKET, 84MM HEAA (AT-4)																				
6.1) C995 COMPLETE ROUND	A		1,401.74	1,379	1.933	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) C995 ROCKET, 84MM HEAA (AT-4)					1.933			-			-			-			-			-
7) HX07 ROCKET, 83MM HEAA PRACTICE																				
† 7.1) HX07 COMPLETE ROUND	A		-	-	2.684	-	-	-	3,500.00	7,865	27.528	3,500.00	7,847	27.465	-	-	-	3,500.00	7,847	27.465

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy														Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition						P-1 Line Item Nomenclature: 1471 - Rockets, All Types								Aggregated Item Name: Rockets, All Types						
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 7) HX07 ROCKET, 83MM HEAA PRACTICE					2.684			-			27.528			27.465			-			27.465
8) FWBR ROCKET, 83MM FFE MULTI PURPOSE ROUND																				
8.1) FWBR COMPLETE ROUND	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 8) FWBR ROCKET, 83MM FFE MULTI PURPOSE ROUND					0.000			-			-			-			-			-
9) FPTR ROCKET, 83MM, FFE PRACTICE TRAINING ROUND																				
9.1) FPTR COMPLETE ROUND	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 9) FPTR ROCKET, 83MM, FFE PRACTICE TRAINING ROUND					0.000			-			-			-			-			-
Total					52.000			29.634			30.579			27.465			-			27.465

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition			P-1 Line Item Nomenclature: 1471 - Rockets, All Types						Aggregated Item Name: Rockets, All Types			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2) HA29 ROCKET, 66MM HE M72A7 W/ GRAZE												
2.1) HA29 COMPLETE ROUND		2012	NAMMO Talley Defense Systems / Mesa, AZ	SS / FP	MCSC, Quantico, VA	Nov 2011	Oct 2012	2,562	2,595.63	Y		Apr 2009
2.1) HA29 COMPLETE ROUND	✓	2012	NAMMO Talley Defense Systems / Mesa, AZ	SS / FP	MCSC, Quantico, VA	Nov 2011	Oct 2012	7,269	2,596.09	Y		Apr 2009
2.1) HA29 COMPLETE ROUND	✓	2013	NAMMO Talley Defense Systems / Mesa, AZ	SS / FP	MCSC, Quantico, VA	Jan 2013	Jan 2014	1,138	2,681.02	Y		Apr 2009
3) M72AS Trainer Launcher												
3.1) M72 AS Trainer Launcher		2012	NAMMO Talley Defense Systems / Mesa, AZ	SS / FP	MCSC, Quantico, VA	Oct 2011	Oct 2011	2,055	1,940.63	N	Oct 2011	Jun 2010
7) HX07 ROCKET, 83MM HEAA PRACTICE												
†7.1) HX07 COMPLETE ROUND		2013	TBD / TBD	C / TBD	Picatinny Arsenal, NJ	Jun 2014	Dec 2014	7,865	3,500.00	N		
†7.1) HX07 COMPLETE ROUND		2014	TBD / TBD	C / TBD	Picatinny Arsenal, NJ	Jun 2014	Dec 2014	7,847	3,500.00	N		

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition										P-1 Line Item Nomenclature: 1471 - Rockets, All Types													Aggregated Item Name: Rockets, All Types										
Items (Units in Each)							Fiscal Year 2012													Fiscal Year 2013													
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012													Calendar Year 2013													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			
7) HX07 ROCKET, 83MM HEAA PRACTICE																																	
7.1) HX07 COMPLETE ROUND																																	
	6	2013	NAVY	7,865	-	7,865	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,865	
	6	2014	NAVY	7,847	-	7,847	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,847	
							O C T	N O V	D E C	J A N	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		

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition										P-1 Line Item Nomenclature: 1471 - Rockets, All Types													Aggregated Item Name: Rockets, All Types										
Items <i>(Units in Each)</i>							Fiscal Year 2014													Fiscal Year 2015													
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014													Calendar Year 2015													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			
7) HX07 ROCKET, 83MM HEAA PRACTICE																																	
7.1) HX07 COMPLETE ROUND																																	
	6	2013	NAVY	7,865	-	7,865	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	1,308	1,308	1,308	1,308	1,308	1,325							-
	6	2014	NAVY	7,847	-	7,847	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	1,308	1,308	1,308	1,308	1,308	1,307							-
							O C T	N O V	D E C	J A N	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		

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition	P-1 Line Item Nomenclature: 1471 - Rockets, All Types	Aggregated Item Name: Rockets, All Types

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	TBD - TBD	6.00	6.00	6.00	6	6	6	12	6	6	6	12

"A" in the Delivery Schedule indicated the Contract Award Date.
Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition										P-1 Line Item Nomenclature: 1473 - Artillery, All Types										
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:												
MDAP/MAIS Code(s):																				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total								
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost <i>(\$ in Millions)</i>	293.700	79.750	147.951	-	-	-	-	49.189	49.188	50.567	-	670.345								
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) <i>(\$ in Millions)</i>	293.700	79.750	147.951	-	-	-	-	49.189	49.188	50.567	-	670.345								
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority <i>(\$ in Millions)</i>	293.700	79.750	147.951	-	-	-	-	49.189	49.188	50.567	-	670.345								
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The family of 155mm artillery is separate loading ammunition fired from M777 howitzers, and have four separate components: primer, propellant, projectile, and fuze. High explosive artillery ammunition is used against personnel, trucks, electronic surveillance and target acquisition devices, supply points, command and control and communications installations, and mechanized and armored forces. Precision-guided artillery provides accurate, first round fire-for-effect capability, and can achieve reduced collateral damage. Illumination cartridges are used to illuminate the battlefield with light either in visual or near Infrared Spectrum. Infrared Spectrum provides a decisive advantage while using Night Vision Devices. Smoke cartridges are used to provide obscuration on the battlefield and to mark locations. Obscuration rounds are used to build a smoke screen to provide cover for the maneuver unit from enemy observation. Spotting rounds mark locations on the battlefield. In addition to 155mm Artillery Projectiles, 75mm blank saluting rounds are used for ceremonial details for saluting distinguished and honored guests.																				
Item Schedule		Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Artillery, All Types	P40A, P5A				293.700			79.750			147.951			-			-			-
Total Gross/Weapon System Cost					293.700			79.750			147.951			-			-			-
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				
Justification:																				

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		P-1 Line Item Nomenclature: 1473 - Artillery, All Types
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
<p>FY 2012 Base Appropriation Request: \$22.747M. \$4.732M procured M795 155MM High Explosive to support training requirements. \$1.822M procured M110A2 155MM White Phosphorous Smoke to support training requirements.</p> <p>\$6.025M procured M231 Modular Artillery Charge System to support training requirements. \$9.948M procured M232 Modular Artillery Charge System to support training requirements. \$0.220M funded First Destination Transportation requirements.</p> <p>FY 2012 Overseas Contingency Operations (OCO) Request: \$57.003M. \$1.304M purchased 155mm artillery ammunition for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures. \$55.699M purchased 155mm artillery ammunition for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures.</p> <p>FY 2013 Base Appropriation Request: \$93.065M purchases 155mm artillery ammunition to support total munitions requirement as identified by Combat Development and Integration.</p> <p>FY 2013 Overseas Contingency Operations (OCO) Request: \$54.886M purchases 155mm artillery ammunition for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures.</p> <p>FY 2014 Base Appropriation Request: N/A</p>		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy														Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition						P-1 Line Item Nomenclature: 1473 - Artillery, All Types								Aggregated Item Name: Artillery, All Types						
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) B550, CTG, 40MM BLANK SALUTING SNGL RD																				
1.1) B550 LOAD, ASSEMBLY, PACK (LAP)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) CTG CASE MK3	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) PRIMER PERCUSSION MK22-2	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) QUALITY ASSURANCE			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) B550 ACCEPTANCE TESTING			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.6) DETERIORATION TEST			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.7) CARTRIDGE CASE SCREENING			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.8) GOVERNMENT FURNISHED MATERIAL	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) B550, CTG, 40MM BLANK SALUTING SNGL RD					0.000			-			-			-			-			-
2) C025, CTG, 75MM BLANK M337A2																				
2.1) C025 LOAD, ASSEMBLE, PACK (LAP)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2) C025 PRODUCTION ENGINEERING			-	-	-	-	-	-	-	-	0.034	-	-	-	-	-	-	-	-	-
2.3) BLACK POWDER CLASS 1	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) C025, CTG, 75MM BLANK M337A2					0.000			-			0.034			-			-			-
3) D505, PROJ, 155MM, M485A2, ILLUM																				
3.1) D505 LOAD, ASSEMBLE & PACK (LAP)	A		274.41	17,423	4.781	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) D505 PROJ MPTS (EA)	A		286.58	17,768	5.092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.3) D505 UNIVERSAL LIFTING PLUG (EA)	A		8.41	17,836	0.150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							P-1 Line Item Nomenclature: 1473 - Artillery, All Types								Aggregated Item Name: Artillery, All Types					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
3.4) D505 VL ILLUM CANISTER, 155MM	A		326.23	18,116	5.910	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.5) D505 GROMMET (EA)	A		6.00	18,000	0.108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.6) D505 PARACHUTE MAIN, 155MM ILLUM	A		34.40	17,936	0.617	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.7) D505 DELAY ELEMENT	A		30.00	17,967	0.539	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.8) D505 CANISTER, MPTS ASSY	A		36.00	17,944	0.646	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.9) D505 PARACHUTE, MAIN SUPPORTS	A		2.84	71,127	0.202	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.10) D505 PARACHUTE, DROGUE SUPPORTS	A		2.60	36,539	0.095	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.11) D505 PARACHUTE, DROGUE ASSY	A		16.70	17,904	0.299	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.12) D505 CANISTER, BASE ASSY	A		10.00	18,000	0.180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.13) D505 PRODUCTION ENGINEERING			-	-	0.663	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.14) D505 QUALITY ASSURANCE			-	-	0.018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.15) D505 ACCEPTANCE TESTING			-	-	0.665	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) D505, PROJ, 155MM, M485A2, ILLUM					19.965			-			-			-			-			-
4) D529, PROJ, 155MM, M795 HE (DA54) ⁽¹⁾																				
† 4.1) D529 LOAD, ASSEMBLE & PACK (LAP)	A		35.46	132,276	4.690	274.97	53,394	14.682	160.15	38,034	6.091	-	-	-	-	-	-	-	-	-
† 4.2) D529 METAL PARTS M795	A		366.76	45,150	16.559	378.00	54,461	20.586	390.00	38,795	15.130	-	-	-	-	-	-	-	-	-
† 4.3) D529 PLUG, SHOCK ATTENUATING M795	A		6.12	45,098	0.276	18.00	54,461	0.980	9.15	38,795	0.355	-	-	-	-	-	-	-	-	-
† 4.4) D529 SUPPLEMENTAL CHARGES	A		12.50	45,120	0.564	18.37	54,464	1.001	48.20	38,795	1.870	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy														Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							P-1 Line Item Nomenclature: 1473 - Artillery, All Types							Aggregated Item Name: Artillery, All Types						
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 4.5) D529 EXPLOSIVE FILL IMX-101	A		5.38	1,328,067	7.145	14.00	1,633,835	22.874	13.97	1,163,842	16.259	-	-	-	-	-	-	-	-	-
† 4.6) D529 WOODEN PALLETS	A		71.96	5,642	0.406	95.14	1,603	0.153	129.50	1,141	0.148	-	-	-	-	-	-	-	-	-
4.7) D529 PRODUCTION ENGINEERING			-	-	0.786	-	-	1.202	-	-	-	-	-	-	-	-	-	-	-	-
4.8) D529 ACCEPTANCE TESTING	A		-	-	0.126	-	-	0.280	-	-	0.160	-	-	-	-	-	-	-	-	-
4.9) NONRECURRING (INSENSITIVE MUNITIONS)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) D529, PROJ, 155MM, M795 HE (DA54)					30.552			61.758			40.013			-			-			-
5) D550, PROJ, 155MM, M110A2, SMOKE WP																				
† 5.1) D550 LOAD, ASSEMBLE, PACK (LAP)	A		-	-	-	196.41	2,591	0.509	-	-	-	-	-	-	-	-	-	-	-	-
† 5.2) METAL PARTS, M110	A		-	-	-	268.78	2,643	0.710	-	-	-	-	-	-	-	-	-	-	-	-
† 5.3) CASE PROJ BURSTER M1E1	A		-	-	-	62.71	2,643	0.166	-	-	-	-	-	-	-	-	-	-	-	-
† 5.4) CASE PROJ BURSTER M54A1 ASSY	A		-	-	-	63.78	2,643	0.169	-	-	-	-	-	-	-	-	-	-	-	-
† 5.5) D550 UNIVERSAL LIFTING PLUG	A		-	-	-	8.51	2,585	0.022	-	-	-	-	-	-	-	-	-	-	-	-
† 5.6) D550 GROMMET, VELCRO	A		-	-	-	1.71	3,000	0.005	-	-	-	-	-	-	-	-	-	-	-	-
† 5.7) D550 COMP B TYPE I GRADE A	A		-	-	-	19.93	1,806	0.036	-	-	-	-	-	-	-	-	-	-	-	-
5.8) D550 PRODUCTION ENGINEERING			-	-	-	-	-	0.264	-	-	-	-	-	-	-	-	-	-	-	-
5.9) D550 QUALITY ASSURANCE			-	-	-	-	-	0.003	-	-	-	-	-	-	-	-	-	-	-	-
5.10) D550 GOV FURNISHED MATERIAL	A		-	-	-	-	-	-0.062	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition								P-1 Line Item Nomenclature: 1473 - Artillery, All Types								Aggregated Item Name: Artillery, All Types				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 5) D550, PROJ, 155MM, M110A2, SMOKE WP					-			1.822			-			-			-			-
6) DA12, CHG, 155MM, M231, MOD ARTY CHG SYS																				
† 6.1) DA12 LOAD, ASSEMBLE & PACK (LAP)	A		16.38	325,666	5.335	15.77	50,040	0.789	-	-	-	-	-	-	-	-	-	-	-	-
† 6.2) DA12 IGNITION PROPELLANT, MACS	A		8.97	21,181	0.190	8.70	3,563	0.031	-	-	-	-	-	-	-	-	-	-	-	-
† 6.3) DA12 COMBUSTIBLE CASES	A		33.07	335,580	11.099	35.38	51,552	1.824	-	-	-	-	-	-	-	-	-	-	-	-
† 6.4) DA12 BLACK POWDER, M231	A		13.50	19,852	0.268	14.08	3,125	0.044	-	-	-	-	-	-	-	-	-	-	-	-
† 6.5) DA12 PROPELLANT, PAPP7993	A		8.75	1,204,457	10.539	8.71	180,000	1.568	-	-	-	-	-	-	-	-	-	-	-	-
† 6.6) DA12 CONTAINER M231	A		38.30	83,891	3.213	43.76	12,888	0.564	-	-	-	-	-	-	-	-	-	-	-	-
6.7) DA12 PRODUCTION ENGINEERING			-	-	0.510	-	-	1.072	-	-	-	-	-	-	-	-	-	-	-	-
6.8) DA12 ACCEPTANCE TESTING			-	-	0.417	-	-	0.100	-	-	-	-	-	-	-	-	-	-	-	-
6.9) DA12 QUALITY ASSURANCE			-	-	-	-	-	0.010	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) DA12, CHG, 155MM, M231, MOD ARTY CHG SYS					31.571			6.002			-			-			-			-
7) DA13, CHG, 155MM, M232A1, MOD ARTY CHG SYS																				
† 7.1) DA13 LOAD, ASSEMBLE & PACK (LAP)	A		19.77	207,490	4.103	17.11	71,100	1.217	20.34	72,566	1.476	-	-	-	-	-	-	-	-	-
† 7.2) DA13 IGNITION PROPELLANT	A		8.97	15,273	0.137	8.70	4,600	0.040	9.58	4,646	0.045	-	-	-	-	-	-	-	-	-
† 7.3) DA13 COMBUSTIBLE CASES	A		33.82	217,121	7.343	34.37	73,248	2.518	36.17	74,786	2.705	-	-	-	-	-	-	-	-	-
† 7.4) DA13 BLACK POWDER CLASS 1 (LB)	A		13.50	12,889	0.174	14.08	4,400	0.062	14.08	4,332	0.061	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							P-1 Line Item Nomenclature: 1473 - Artillery, All Types								Aggregated Item Name: Artillery, All Types					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 7.5) DA13 PROPELLANT M31A2	A		14.00	1,020,071	14.281	14.95	329,754	4.930	14.24	349,860	4.982	-	-	-	-	-	-	-	-	-
† 7.6) DA13 CONTAINER M232A1	A		40.50	43,482	1.761	45.34	14,652	0.664	41.69	15,245	0.636	-	-	-	-	-	-	-	-	-
7.7) DA13 PRODUCTION ENGINEERING			-	-	0.510	-	-	0.400	-	-	1.038	-	-	-	-	-	-	-	-	-
7.8) DA13 ACCEPTANCE TESTING			-	-	0.351	-	-	0.112	-	-	0.110	-	-	-	-	-	-	-	-	-
7.9) DA13 QUALITY ASSURANCE			-	-	-	-	-	0.005	-	-	0.011	-	-	-	-	-	-	-	-	-
Subtotal 7) DA13, CHG, 155MM, M232A1, MOD ARTY CHG SYS					28.660			9.948			11.064			-			-			-
8) DA23, CHG, 155MM, M231 MOD ARTY CHG SYS DUMMY																				
† 8.1) DA23 COMPLETE ROUND	A		-	-	-	-	-	-	200.00	155	0.031	-	-	-	-	-	-	-	-	-
Subtotal 8) DA23, CHG, 155MM, M231 MOD ARTY CHG SYS DUMMY					-			-			0.031			-			-			-
9) DA24, CHG, 155MM, M232A1 MOD ARTY CHG SYS DUMMY																				
† 9.1) DA24 COMPLETE ROUND	A		-	-	-	-	-	-	200.00	190	0.038	-	-	-	-	-	-	-	-	-
Subtotal 9) DA24, CHG, 155MM, M232A1 MOD ARTY CHG SYS DUMMY					-			-			0.038			-			-			-
10) DA45 155MM, XM982, EXCALIBUR																				
10.1) DA45 COMPLETE ROUND	A		78,346.04	1,994	156.222	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.2) DA45 CONTAINER SYSTEM	A		978.94	1,994	1.952	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.3) DA45 PRODUCTION ENGINEERING			-	-	17.349	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.4) DA45 ACCEPTANCE TESTING			-	-	3.835	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 10) DA45 155MM, XM982, EXCALIBUR					179.358			-			-			-			-			-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition						P-1 Line Item Nomenclature: 1473 - Artillery, All Types										Aggregated Item Name: Artillery, All Types				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
11) DA49, 155MM, IR ILLUM																				
11.1) DA49 LOAD, ASSEMBLE & PACK (LAP)	A		263.43	2,661	0.701	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.2) DA49 PROJ BODY 155MM M485	A		286.56	2,715	0.778	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.3) DA49 UNIVERSAL LIFTING PLUG(EA)	A		8.70	2,759	0.024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.4) DA49 IR ILLUM CANISTER, 155MM	A		326.23	2,768	0.903	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.5) DA49 GROMMET(EA)	A		6.00	2,667	0.016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.6) DA49 PARACHUTE, MAIN	A		34.41	2,703	0.093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.7) DA49 DELAY ELEMENT	A		30.00	2,733	0.082	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.8) DA49 CANISTER, MPTS ASSY	A		53.99	2,741	0.148	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.9) DA49 PARACHUTE, MAIN SUPPORTS	A		2.96	10,811	0.032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.10) DA49 PARACHUTE, DROGUE SUPPORTS	A		1.78	5,618	0.010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.11) DA49 PARACHUTE, DROGUE ASSY	A		16.70	2,754	0.046	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.12) DA49 CANISTER, BASE ASSY	A		17.15	2,741	0.047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.13) DA49 QUALITY ASSURANCE			-	-	0.010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.14) DA49 ACCEPTANCE TESTING			-	-	0.110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 11) DA49, 155MM, IR ILLUM</i>					3.000			-			-			-			-			-
12) FIRST DESTINATION TRANSPORTATION																				
12.1) First Destination Transportation			-	-	0.594	-	-	0.220	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							P-1 Line Item Nomenclature: 1473 - Artillery, All Types								Aggregated Item Name: Artillery, All Types					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 12) FIRST DESTINATION TRANSPORTATION					0.594			0.220			-			-			-			-
13) DA54 155MM HE M795 W/IMX																				
† 13.1) LOAD, ASSEMBLE, PACK (LAP)	A		-	-	-	-	-	-	160.16	89,328	14.307	-	-	-	-	-	-	-	-	-
† 13.2) METAL PARTS-M795	A		-	-	-	-	-	-	390.00	91,115	35.535	-	-	-	-	-	-	-	-	-
† 13.3) PLUG, LIFTING, MELTABLE FOR IM	A		-	-	-	-	-	-	9.15	91,115	0.834	-	-	-	-	-	-	-	-	-
† 13.4) SUPPLEMENTAL CHARGE, PBXN-9	A		-	-	-	-	-	-	48.19	91,115	4.391	-	-	-	-	-	-	-	-	-
† 13.5) WOODEN PALLETS, IMX-101	A		-	-	-	-	-	-	129.50	11,166	1.446	-	-	-	-	-	-	-	-	-
† 13.6) EXPLOSIVE FILL IMX-101	A		-	-	-	-	-	-	13.97	2,733,437	38.186	-	-	-	-	-	-	-	-	-
13.7) PRODUCTION ENGINEERING			-	-	-	-	-	-	-	-	1.202	-	-	-	-	-	-	-	-	-
13.8) ACCEPTANCE TESTING			-	-	-	-	-	-	-	-	0.870	-	-	-	-	-	-	-	-	-
Subtotal 13) DA54 155MM HE M795 W/IMX					-			-			96.771			-			-			-
14) DD01 Projectile 155mm, Alternate Warhead Cluster Munition																				
14.1) DD01 COMPLETE COST	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 14) DD01 Projectile 155mm, Alternate Warhead Cluster Munition					0.000			-			-			-			-			-
Total					293.700			79.750			147.951			-			-			-
Footnotes: (1)																				

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1473 - Artillery, All Types					Aggregated Item Name: Artillery, All Types			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
4) D529, PROJ, 155MM, M795 HE (DA54)												
4.1) D529 LOAD, ASSEMBLE & PACK (LAP)		2012	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Mar 2015	3,076	274.71	Y		
4.1) D529 LOAD, ASSEMBLE & PACK (LAP)	✓	2012	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Mar 2015	50,318	274.99	Y		
4.1) D529 LOAD, ASSEMBLE & PACK (LAP)	✓	2013	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2013	Jun 2015	38,034	160.15	Y		
4.2) D529 METAL PARTS M795		2012	GENERAL DYNAMICS OTS / SCRANTON, PA	C / FFP	PICATINNY ARSENAL, NJ	Mar 2012	Sep 2013	3,137	378.00	Y		
4.2) D529 METAL PARTS M795	✓	2012	GENERAL DYNAMICS OTS / SCRANTON, PA	C / FFP	PICATINNY ARSENAL, NJ	Mar 2012	Sep 2013	51,324	378.00	Y		
4.2) D529 METAL PARTS M795	✓	2013	GENERAL DYNAMICS OTS / SCRANTON, PA	C / FFP	PICATINNY ARSENAL, NJ	Jan 2013	Jul 2014	38,795	390.00	Y		
4.3) D529 PLUG, SHOCK ATTENUATING M795		2012	TO BE SELECTED / PICATINNY ARSENAL, NJ	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Sep 2014	3,137	18.00	Y		
4.3) D529 PLUG, SHOCK ATTENUATING M795	✓	2012	TO BE SELECTED / PICATINNY ARSENAL, NJ	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Sep 2014	51,324	18.00	Y		
4.3) D529 PLUG, SHOCK ATTENUATING M795	✓	2013	TO BE SELECTED / PICATINNY ARSENAL, NJ	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2013	Dec 2014	38,795	9.15	Y		
4.4) D529 SUPPLEMENTAL CHARGES		2012	CHEMRING ORDNANCE, INC. / PERRY,FL	C / IDIQ	ROCK ISLAND ARSENAL, IL	Dec 2012	Jun 2013	3,140	18.37	Y		
4.4) D529 SUPPLEMENTAL CHARGES	✓	2012	CHEMRING ORDNANCE, INC. / PERRY,FL	C / IDIQ	ROCK ISLAND ARSENAL, IL	Dec 2012	Jun 2013	51,324	18.37	Y		
4.4) D529 SUPPLEMENTAL CHARGES	✓	2013	TBD / TBD	C / IDIQ	ROCK ISLAND ARSENAL, IL	Jun 2013	Dec 2014	38,795	48.20	Y		
4.5) D529 EXPLOSIVE FILL IMX-101		2012	BAE SYSTEMS ORDNANCE SYSTEMS INC / RADFORD,VA	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2012	Dec 2013	94,119	14.00	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1473 - Artillery, All Types					Aggregated Item Name: Artillery, All Types			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
4.5) D529 EXPLOSIVE FILL IMX-101	✓	2012	BAE SYSTEMS ORDNANCE SYSTEMS INC / RADFORD,VA	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2012	Dec 2013	1,539,716	14.00	Y		
4.5) D529 EXPLOSIVE FILL IMX-101	✓	2013	BAE SYSTEMS ORDNANCE SYSTEMS INC / RADFORD,VA	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2013	Dec 2014	1,163,842	13.97	Y		
4.6) D529 WOODEN PALLETS		2012	KNOX CNTY ASSOC RETARDED CITIZENS / VINCENNES, IN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2012	Sep 2013	93	95.14	Y		
4.6) D529 WOODEN PALLETS	✓	2012	KNOX CNTY ASSOC RETARDED CITIZENS / VINCENNES, IN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2012	Sep 2013	1,510	95.14	Y		
4.6) D529 WOODEN PALLETS	✓	2013	KNOX CNTY ASSOC RETARDED CITIZENS / VINCENNES, IN	C / FFP	PICATINNY ARSENAL, NJ	Jan 2013	Jul 2014	1,141	129.50	Y		
5) D550, PROJ, 155MM, M110A2, SMOKE WP												
5.1) D550 LOAD, ASSEMBLE, PACK (LAP)		2012	PINE BLUFF ARSENAL / PINE BLUFF, AR	PO	ROCK ISLAND ARSENAL, IL	Mar 2012	Jul 2013	2,591	196.41	Y		
5.2) METAL PARTS, M110		2012	GENERAL DYNAMICS OTS / SCRANTON, PA	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2012	Nov 2012	2,643	268.78	Y		
5.3) CASE PROJ BURSTER M1E1		2012	GENERAL DYNAMICS OTS / SCRANTON, PA	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2012	Nov 2012	2,643	62.71	Y		
5.4) CASE PROJ BURSTER M54A1 ASSY		2012	GENERAL DYNAMICS OTS / SCRANTON, PA	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Nov 2012	2,643	63.78	Y		
5.5) D550 UNIVERSAL LIFTING PLUG		2012	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	MIPR	ROCK ISLAND ARSENAL, IL	Mar 2012	Jul 2013	2,585	8.51	Y		
5.6) D550 GROMMET, VELCRO		2012	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	MIPR	ROCK ISLAND ARSENAL, IL	Mar 2013	Jul 2014	3,000	1.71	Y		
5.7) D550 COMP B TYPE I GRADE A		2012	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	MIPR	ROCK ISLAND ARSENAL, IL	Mar 2012	Jul 2013	1,806	19.93	Y		
6) DA12, CHG, 155MM, M231, MOD ARTY CHG SYS												

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition			P-1 Line Item Nomenclature: 1473 - Artillery, All Types						Aggregated Item Name: Artillery, All Types			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
6.1) DA12 LOAD, ASSEMBLE & PACK (LAP)		2012	GENERAL DYNAMICS ATP / HAMPTON, AR	C / FFP	PICATINNY ARSENAL, NJ	Mar 2012	Dec 2014	50,040	15.77	Y		
6.2) DA12 IGNITION PROPELLANT, MACS		2012	ST MARKS POWDER INC / CRAWFORDVILLE, FL	C / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Sep 2013	3,563	8.70	Y		
6.3) DA12 COMBUSTIBLE CASES		2011	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FFP	PICATINNY ARSENAL, NJ	May 2011	Feb 2013	207,272	32.73	Y		
6.3) DA12 COMBUSTIBLE CASES	✓	2011	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FFP	PICATINNY ARSENAL, NJ	Sep 2011	Feb 2013	128,308	33.63	Y		
6.3) DA12 COMBUSTIBLE CASES		2012	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FFP	PICATINNY ARSENAL, NJ	Dec 2012	Sep 2014	51,552	35.38	Y		
6.4) DA12 BLACK POWDER, M231		2012	GOEX INC / MINDEN, LA	SS / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Sep 2013	3,125	14.08	Y		
6.5) DA12 PROPELLANT, PAPP7993		2011	BAE SYSTEMS ORDNANCE SYSTEMS INC / RADFORD,VA	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2012	Mar 2013	740,457	8.75	Y		
6.5) DA12 PROPELLANT, PAPP7993	✓	2011	BAE SYSTEMS ORDNANCE SYSTEMS INC / RADFORD,VA	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2012	Mar 2013	464,000	8.75	Y		
6.5) DA12 PROPELLANT, PAPP7993		2012	BAE SYSTEMS ORDNANCE SYSTEMS INC / RADFORD,VA	C / FFP	ROCK ISLAND ARSENAL, IL	Dec 2012	May 2014	180,000	8.71	Y		
6.6) DA12 CONTAINER M231		2012	TO BE SELECTED / PICATINNY ARSENAL, NJ	C / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Sep 2013	12,888	43.76	Y		
7) DA13, CHG, 155MM, M232A1, MOD ARTY CHG SYS												
7.1) DA13 LOAD, ASSEMBLE & PACK (LAP)		2012	GENERAL DYNAMICS ATP / HAMPTON, AR	C / FFP	PICATINNY ARSENAL, NJ	Sep 2012	Sep 2014	71,100	17.11	Y		
7.1) DA13 LOAD, ASSEMBLE & PACK (LAP)		2013	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Nov 2013	72,566	20.34	Y		
7.2) DA13 IGNITION PROPELLANT		2012	ST MARKS POWDER INC / CRAWFORDVILLE, FL	C / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Mar 2014	4,600	8.70	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1473 - Artillery, All Types					Aggregated Item Name: Artillery, All Types			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
7.2) DA13 IGNITION PROPELLANT		2013	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Mar 2014	4,646	9.58	Y		
7.3) DA13 COMBUSTIBLE CASES		2011	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FFP	PICATINNY ARSENAL, NJ	Sep 2011	Mar 2013	141,084	33.20	Y		
7.3) DA13 COMBUSTIBLE CASES	✓	2011	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FFP	PICATINNY ARSENAL, NJ	Sep 2011	Mar 2013	76,037	34.97	Y		
7.3) DA13 COMBUSTIBLE CASES		2012	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / FFP	PICATINNY ARSENAL, NJ	Dec 2012	May 2013	73,248	34.37	Y		
7.3) DA13 COMBUSTIBLE CASES		2013	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Sep 2014	74,786	36.17	Y		
7.4) DA13 BLACK POWDER CLASS 1 (LB)		2011	GOEX INC / MINDEN, LA	SS / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Mar 2013	8,296	13.50	Y		
7.4) DA13 BLACK POWDER CLASS 1 (LB)	✓	2011	GOEX INC / MINDEN, LA	SS / FFP	ROCK ISLAND ARSENAL, IL	Sep 2011	Mar 2013	4,593	13.50	Y		
7.4) DA13 BLACK POWDER CLASS 1 (LB)		2012	GOEX INC / MINDEN, LA	SS / FFP	ROCK ISLAND ARSENAL, IL	Apr 2012	Apr 2013	4,400	14.08	Y		
7.4) DA13 BLACK POWDER CLASS 1 (LB)		2013	GOEX INC / MINDEN, LA	SS / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Mar 2014	4,332	14.08	Y		
7.5) DA13 PROPELLANT M31A2		2011	GENERAL DYNAMICS / SALABERRY-DE- VALLEYFIELD, CANADA	C / FFP	PICATINNY ARSENAL, NJ	Aug 2012	Apr 2013	663,071	14.00	Y		
7.5) DA13 PROPELLANT M31A2	✓	2011	GENERAL DYNAMICS / SALABERRY-DE- VALLEYFIELD, CANADA	C / FFP	PICATINNY ARSENAL, NJ	Aug 2012	Apr 2013	357,000	14.00	Y		
7.5) DA13 PROPELLANT M31A2		2012	GENERAL DYNAMICS / SALABERRY-DE- VALLEYFIELD, CANADA	C / FFP	PICATINNY ARSENAL, NJ	Sep 2012	Nov 2013	329,754	14.95	Y		
7.5) DA13 PROPELLANT M31A2		2013	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Nov 2014	349,860	14.24	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1473 - Artillery, All Types					Aggregated Item Name: Artillery, All Types			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
7.6) DA13 CONTAINER M232A1		2012	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Mar 2014	14,652	45.34	Y		
7.6) DA13 CONTAINER M232A1		2013	TO BE SELECTED / UNKNOWN	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Mar 2014	15,245	41.69	Y		
8) DA23, CHG, 155MM, M231 MOD ARTY CHG SYS DUMMY												
8.1) DA23 COMPLETE ROUND		2013	TBD / TBD	SS / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Apr 2013	155	200.00	Y		
9) DA24, CHG, 155MM, M232A1 MOD ARTY CHG SYS DUMMY												
9.1) DA24 COMPLETE ROUND		2013	ARMTEC DEFENSE, INC. / COACHELLA, CA	SS / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Apr 2013	190	200.00	Y		
13) DA54 155MM HE M795 W/ IMX												
13.1) LOAD, ASSEMBLE, PACK (LAP)		2013	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2013	Jun 2015	75,631	160.16	Y		
13.1) LOAD, ASSEMBLE, PACK (LAP)	✓	2013	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL, IL	Jun 2013	Jun 2015	13,697	160.18	Y		
13.2) METAL PARTS-M795		2013	GENERALDYNAMICS OTS / SCRANTON, PA	C / FFP	PICATINNY ARSENAL, NJ	Jan 2013	Jul 2014	77,144	390.00	Y		
13.2) METAL PARTS-M795	✓	2013	GENERALDYNAMICS OTS / SCRANTON, PA	C / FFP	PICATINNY ARSENAL, NJ	Jan 2013	Jul 2014	13,971	390.02	Y		
13.3) PLUG, LIFTING, MELTABLE FOR IM		2013	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Jun 2013	Dec 2014	77,144	9.15	Y		
13.3) PLUG, LIFTING, MELTABLE FOR IM	✓	2013	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Jun 2013	Dec 2014	13,971	9.16	Y		
13.4) SUPPLEMENTAL CHARGE, PBXN-9		2013	TO BE SELECTED / UNKNOWN	C / IDIQ	ROCK ISLAND ARSENAL, IL	Jun 2013	Dec 2014	77,144	48.20	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1473 - Artillery, All Types					Aggregated Item Name: Artillery, All Types			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
13.4) SUPPLEMENTAL CHARGE, PBXN-9	✓	2013	TO BE SELECTED / UNKNOWN	C / IDIQ	ROCK ISLAND ARSENAL, IL	Jun 2013	Dec 2014	13,971	48.17	Y		
13.5) WOODEN PALLETS, IMX-101		2013	KNOX CNTY ASSOC RETARDED CITIZENS / VINCENNES, IN	C / FFP	PICATINNY ARSENAL, NJ	Jan 2013	Jul 2014	9,454	129.47	Y		
13.5) WOODEN PALLETS, IMX-101	✓	2013	KNOX CNTY ASSOC RETARDED CITIZENS / VINCENNES, IN	C / FFP	PICATINNY ARSENAL, NJ	Jan 2013	Jul 2014	1,712	129.67	Y		
13.6) EXPLOSIVE FILL IMX-101		2013	BAE ORDNANCE SYSTEMS / KINGSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL, IL	Jun 2013	Dec 2014	2,314,309	13.97	Y		
13.6) EXPLOSIVE FILL IMX-101	✓	2013	BAE ORDNANCE SYSTEMS / KINGSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL, IL	Jun 2013	Dec 2014	419,128	13.97	Y		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types						
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:					
MDAP/MAIS Code(s):													
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost <i>(\$ in Millions)</i>	41.296	25.786	3.438	-	-	-	1.214	0.200	0.200	0.216	Continuing	Continuing	
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) <i>(\$ in Millions)</i>	41.296	25.786	3.438	-	-	-	1.214	0.200	0.200	0.216	Continuing	Continuing	
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority <i>(\$ in Millions)</i>	41.296	25.786	3.438	-	-	-	1.214	0.200	0.200	0.216	Continuing	Continuing	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>													
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Demolition munitions charges provide high explosives for the purpose of destroying or altering man-made or natural objects or obstacles. Demolition munitions charges include block charges, shaped charges, flexible-linear charges, explosive sheet, cable, canine explosive scent items, chain cutters and military dynamite. They are used for general demolition, cutting, breaching, cratering, and destruction of abandoned equipment and ammunition.													

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Demolition Munitions, All Types	P40A, P5A				41.296			25.786			3.438			-			-			-
Total Gross/Weapon System Cost					41.296			25.786			3.438			-			-			-

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification: FY 2012 Base Appropriation Request: \$22.786M; \$1.700M procured the 12gage velocity slug, \$0.207M procured the smokeless powder bag, \$0.003M supported engineering support costs for Charge, Demo Block, 1 1/4 lb, \$0.049M procured the 2 lb demo block, \$1.500M supported the 40 lb cratering charge, \$1.000M supported the electric blasting cap, \$1.097M supported a 40LB charge, \$1.000M supported

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s): <p>detonating cord, \$0.897M procured explosive sheet 38', \$0.400M supported explosive sheet 9', \$0.997M supported multipurpose demolition firing device, \$2.000M supported the armor tile, \$1.355M procured 60grain per foot charge, \$1.000M procured 1200grain per foot charge, \$1.000M procured 2400grain per foot charge, \$1.200M procured 5400grain per foot charge, \$0.236M supported the canine scent kits, \$2.937M supported time fuze, \$1.800M procured a dual firing devise, \$1.908M supported the non electric detonator, \$0.200M procured a booster charge and \$0.300M supported 100ft detonating cord. All these items are in the training and combat requirements that have been identified in the Total Munitions Requirement (TMR).</p> <p>FY 2012 Overseas Contingency Operations (OCO) Request: \$3.000M supported detonating cord that has been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures.</p> <p>FY 2013 Base Appropriation Request: \$2.047M; \$0.261M procures the light weight disrupter, \$1.704M supports a 40LB cratering charge, and \$0.082M supports the canine scent kits. These items are in the training and combat requirements that have been identified in the Total Munitions Requirement (TMR).</p> <p>FY 2013 Overseas Contingency Operations (OCO) Request: \$1.391M supports the non electric detonator cap that has been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures.</p> <p>FY 2014 Base Appropriation Request: N/A</p>		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition								P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types								Aggregated Item Name: Demolition Munitions, All Types				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) AA62 12-GAUGE EOD MK 274 MOD 0 UV SLUG																				
† 1.1) AA62 COMPLETE ROUND	A		-	-	-	4.05	419,753	1.700	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) AA62 12-GAUGE EOD MK 274 MOD 0 UV SLUG					-			1.700			-			-			-			-
2) DWFP CAP, BLASTING, ELECT, MK17 MOD1																				
† 2.1) DWFP COMPLETE ROUND	A		37.29	54,685	2.039	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2) DWFP PRODUCTION ENGINEERING			-	-	0.070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.3) DWFP ACCEPTANCE TESTING			-	-	0.104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) DWFP CAP, BLASTING, ELECT, MK17 MOD1					2.213			-			-			-			-			-
3) DWDN Light Weight Disposable Disrupter																				
† 3.1) DWDN HARDWARE COST	A		-	-	-	-	-	-	104.80	1,689	0.177	-	-	-	-	-	-	-	-	-
3.2) DWDN ACQUISITION/ PRODUCTION ENGINEERING			-	-	-	-	-	-	-	-	0.042	-	-	-	-	-	-	-	-	-
3.3) DWDN LOT ACCEPTANCE TESTING			-	-	-	-	-	-	-	-	0.042	-	-	-	-	-	-	-	-	-
Subtotal 3) DWDN Light Weight Disposable Disrupter					-			-			0.261			-			-			-
4) DWGB POWDER BAG, SMOKELESS																				
† 4.1) DWGB COMPLETE ROUND	A		-	-	-	21.00	9,857	0.207	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) DWGB POWDER BAG, SMOKELESS					-			0.207			-			-			-			-
5) M023 CHARGE, DEMO BLOCK, 1 1/4-LB, C-4																				
5.1) M023 ENGINEERING SUPPORT			-	-	-	-	-	0.003	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition								P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types								Aggregated Item Name: Demolition Munitions, All Types				
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 5) M023 CHARGE, DEMO BLOCK, 1 1/4-LB, C-4					-			0.003			-			-			-			-
6) M024 CHG DEMO BLOCK PETN																				
6.1) M024 UNECONOMICAL BUY	A		-	-	-	-	-	0.049	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) M024 CHG DEMO BLOCK PETN					-			0.049			-			-			-			-
7) M039 CHARGE, DEMO 40 LB CRATERING																				
† 7.1) M039 LOAD, ASSEMBLE AND PACK (LAP)	A		374.49	8,633	3.233	394.11	3,542	1.396	-	-	-	-	-	-	-	-	-	-	-	-
† 7.2) M039 COMP B TYPE I GRADE A (LB)	A		19.84	289,718	5.748	10.43	129,051	1.346	-	-	-	-	-	-	-	-	-	-	-	-
† 7.3) M039 ALUMINUM POWDER FLAKED (LB)	A		1.69	91,716	0.155	2.69	37,546	0.101	-	-	-	-	-	-	-	-	-	-	-	-
† 7.4) M039 COMP D-2 (LB)	A		21.14	21,807	0.461	22.01	8,950	0.197	-	-	-	-	-	-	-	-	-	-	-	-
7.5) M039 PRODUCTION SUPPORT			-	-	0.248	-	-	0.103	-	-	-	-	-	-	-	-	-	-	-	-
7.6) M039 NONRECURRING (GFM)	A		-	-	-	-	-	-1.644	-	-	-	-	-	-	-	-	-	-	-	-
7.7) M039 REMAINDER	A		-	-	-	-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 7) M039 CHARGE, DEMO 40 LB CRATERING					9.845			1.500			-			-			-			-
8) M130 CAP, BLASTING, ELECTRIC																				
† 8.1) M130 COMPLETE ROUND	A		-	-	-	23.98	39,533	0.948	26.03	48,367	1.259	-	-	-	-	-	-	-	-	-
8.2) M130 PRODUCTION ENGINEERING			-	-	-	-	-	0.049	-	-	0.131	-	-	-	-	-	-	-	-	-
8.3) M130 QUALITY ASSURANCE			-	-	-	-	-	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 8) M130 CAP, BLASTING, ELECTRIC					-			0.999			1.390			-			-			-
9) M421 CHARGE, DEMO SHAPED 40 LB																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																	Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types										Aggregated Item Name: Demolition Munitions, All Types			
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 9.1) M421 LOAD, ASSEMBLE AND PACK (LAP)	A		774.15	6,832	5.289	747.09	1,214	0.907	787.01	1,159	0.912	-	-	-	-	-	-	-	-	-
† 9.2) M421 COMP B TYPE I GRADE A (LB)	A		2.53	212,039	0.537	-	-	-	19.47	36,004	0.701	-	-	-	-	-	-	-	-	-
† 9.3) M421 GOVERNMENT FURNISHED MATERIAL - COMP B TYPE I GRADE A	A		-	-	-	2.37	422	0.001	2.37	422	0.001	-	-	-	-	-	-	-	-	-
† 9.4) M421 COMP A-3	A		2.37	844	0.002	2.37	225	0.001	2.37	225	0.001	-	-	-	-	-	-	-	-	-
9.5) M421 PRODUCTION ENGINEERING			-	-	0.261	-	-	0.188	-	-	0.089	-	-	-	-	-	-	-	-	-
9.6) M421 QUALITY ASSURANCE			-	-	0.008	-	-	0.001	-	-	0.001	-	-	-	-	-	-	-	-	-
<i>Subtotal 9) M421 CHARGE, DEMO SHAPED 40 LB</i>					<i>6.097</i>			<i>1.098</i>			<i>1.705</i>			-			-			-
10) M456 CORD, DETONATING, PETN																				
† 10.1) M456 COMPLETE ROUND	A		-	-	-	0.58	6,551,724	3.800	-	-	-	-	-	-	-	-	-	-	-	-
10.2) M456 PRODUCTION ENGINEERING			-	-	-	-	-	0.200	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 10) M456 CORD, DETONATING, PETN</i>					-			<i>4.000</i>			-			-			-			-
11) M980 CHG, DEMO EXPLOSIVE SHEET 38FT																				
† 11.1) M980 COMPLETE ROUND	A		-	-	-	26.33	25,408	0.669	-	-	-	-	-	-	-	-	-	-	-	-
11.2) M980 PRODUCTION ENGINEERING			-	-	0.104	-	-	0.205	-	-	-	-	-	-	-	-	-	-	-	-
11.3) M980 QUALITY ASSURANCE			-	-	-	-	-	0.002	-	-	-	-	-	-	-	-	-	-	-	-
11.4) M980 FIRST ARTICLE TEST			-	-	-	-	-	0.021	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 11) M980 CHG, DEMO EXPLOSIVE SHEET 38FT</i>					<i>0.104</i>			<i>0.897</i>			-			-			-			-
12) M986 CHG, DEMO SHEET, 9FT PETN																				
† 12.1) M986 COMPLETE ROUND	A		81.21	4,716	0.383	228.91	1,529	0.350	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																	Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types										Aggregated Item Name: Demolition Munitions, All Types			
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
12.2) M986 PRODUCTION ENGINEERING			-	-	0.017	-	-	0.005	-	-	-	-	-	-	-	-	-	-	-	-
12.3) M986 QUALITY ASSURANCE			-	-	-	-	-	0.002	-	-	-	-	-	-	-	-	-	-	-	-
12.4) M986 FIRST ARTICLE TEST			-	-	-	-	-	0.043	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 12) M986 CHG, DEMO SHEET, 9FT PETN</i>					0.400			0.400			-			-			-			-
13) ML03 FIRING DEVICE, DEMO, M142																				
† 13.1) ML03 COMPLETE ROUND	A		-	-	-	36.61	27,233	0.997	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 13) ML03 FIRING DEVICE, DEMO, M142</i>					-			0.997			-			-			-			-
14) ML98 TILE, ARMOR XM/M6 M6E1/A1																				
† 14.1) ML98 COMPLETE ROUND	A		-	-	-	2,373.00	843	2.000	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 14) ML98 TILE, ARMOR XM/M6 M6E1/A1</i>					-			2.000			-			-			-			-
15) MM24 CHARGE, SHAPED LINEAR																				
15.1) MM24 PRODUCTION ENGINEERING			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 15) MM24 CHARGE, SHAPED LINEAR</i>					0.000			-			-			-			-			-
16) MM42 CHARGE, DEMO FLSC 40 GR/FT																				
† 16.1) MM42 COMPLETE ROUND	A		72.58	36,500	2.649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16.2) MM42 PRODUCTION ENGINEERING			-	-	0.104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16.3) MM42 ACCEPTANCE TESTING			-	-	0.127	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 16) MM42 CHARGE, DEMO FLSC 40 GR/FT</i>					2.880			-			-			-			-			-
17) MM44 CHARGE, DEMO FLSC 75 GR/FT																				

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Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition						P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types											Aggregated Item Name: Demolition Munitions, All Types			
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 17.1) MM44 COMPLETE ROUND	A		72.67	20,104	1.461	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17.2) MM44 PRODUCTION ENGINEERING			-	-	0.022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17.3) MM44 ACCEPTANCE TESTING			-	-	0.117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 17) MM44 CHARGE, DEMO FLSC 75 GR/FT					1.600			-			-			-			-			-
18) MM48 CHARGE, DEMO FLSC 600 GR/FT																				
† 18.1) MM48 COMPLETE ROUND	A		80.06	18,286	1.464	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18.2) MM48 PRODUCTION ENGINEERING			-	-	0.020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18.3) MM48 ACCEPTANCE TESTING			-	-	0.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 18) MM48 CHARGE, DEMO FLSC 600 GR/FT					1.584			-			-			-			-			-
19) MM51 CHARGE, DEMO FLSC 600 GR/FT																				
† 19.1) MM51 COMPLETE ROUND	A		-	-	-	16.93	80,035	1.355	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 19) MM51 CHARGE, DEMO FLSC 600 GR/FT					-			1.355			-			-			-			-
20) MM52 CHARGE, DEMO FLSC 1200 GR/FT																				
† 20.1) MM52 COMPLETE ROUND	A		23.99	216,774	5.201	33.47	29,878	1.000	-	-	-	-	-	-	-	-	-	-	-	-
20.2) MM52 PRODUCTION ENGINEERING			-	-	0.186	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20.3) MM52 ACCEPTANCE TESTING			-	-	0.339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 20) MM52 CHARGE, DEMO FLSC 1200 GR/FT					5.726			1.000			-			-			-			-
21) MM53 CHARGE, DEMO FLSC 2400 GR/FT																				

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Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types										Aggregated Item Name: Demolition Munitions, All Types			
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 21.1) MM53 COMPLETE ROUND	A		31.33	9,639	0.302	33.59	29,771	1.000	-	-	-	-	-	-	-	-	-	-	-	-
21.2) MM53 PRODUCTION ENGINEERING			-	-	0.008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21.3) MM53 ACCEPTANCE TESTING	A		-	-	0.090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 21) MM53 CHARGE, DEMO FLSC 2400 GR/FT</i>					0.400			1.000			-			-			-			-
22) MM54 CHARGE, DEMO FLSC 5400 GR/FT																				
† 22.1) MM54 COMPLETE ROUND	A		49.88	3,388	0.169	131.27	9,141	1.200	-	-	-	-	-	-	-	-	-	-	-	-
22.2) MM54 PRODUCTION ENGINEERING			-	-	0.004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22.3) MM54 ACCEPTANCE TESTING			-	-	0.027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 22) MM54 CHARGE, DEMO FLSC 5400 GR/FT</i>					0.200			1.200			-			-			-			-
23) MN01 SCENT KIT, EXPL DETECT DOG																				
† 23.1) MN01 COMPLETE ROUND	A		1,200.00	5	0.006	1,233.33	53	0.065	1,105.00	53	0.059	-	-	-	-	-	-	-	-	-
23.2) MN01 PRODUCTION ENGINEERING			-	-	0.029	-	-	0.171	-	-	0.023	-	-	-	-	-	-	-	-	-
<i>Subtotal 23) MN01 SCENT KIT, EXPL DETECT DOG</i>					0.035			0.236			0.082			-			-			-
24) MN08 IGNITER, TIME, BLAST M81																				
† 24.1) MN08 COMPLETE ROUND	A		-	-	-	7.86	367,303	2.887	-	-	-	-	-	-	-	-	-	-	-	-
24.2) MN08 PRODUCTION SUPPORT	A		-	-	-	-	-	0.050	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 24) MN08 IGNITER, TIME, BLAST M81</i>					-			2.937			-			-			-			-
25) MN14 DUAL FIRING DEVICE MK54																				

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Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition								P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types								Aggregated Item Name: Demolition Munitions, All Types				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 25.1) MN14 COMPLETE ROUND	A		-	-	-	76.43	19,534	1.493	-	-	-	-	-	-	-	-	-	-	-	-
25.2) MN14 PRODUCTION ENGINEERING			-	-	-	-	-	0.307	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 25) MN14 DUAL FIRING DEVICE MK54</i>					-			1.800			-			-			-			-
26) MN52 DETONATOR, NON-ELECTRIC MK154																				
† 26.1) MN52 COMPLETE ROUND	A		47.19	204,170	9.634	50.78	37,062	1.882	-	-	-	-	-	-	-	-	-	-	-	-
26.2) MN52 PRODUCTION ENGINEERING			-	-	0.130	-	-	0.026	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 26) MN52 DETONATOR, NON-ELECTRIC MK154</i>					9.764			1.908			-			-			-			-
27) MN69 BOOSTER, DEMO CHG, M152																				
† 27.1) MN69 COMPLETE ROUND	A		9.03	44,297	0.400	7.93	25,221	0.200	-	-	-	-	-	-	-	-	-	-	-	-
27.2) MN69 PRODUCTION ENGINEERING			-	-	0.048	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 27) MN69 BOOSTER, DEMO CHG, M152</i>					0.448			0.200			-			-			-			-
28) MU42 CORD, DET, 100 GRNS PER FT																				
† 28.1) MU42 COMPLETE ROUND	A		-	-	-	0.13	2,307,692	0.300	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 28) MU42 CORD, DET, 100 GRNS PER FT</i>					-			0.300			-			-			-			-
Total					41.296			25.786			3.438			-			-			-

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types					Aggregated Item Name: Demolition Munitions, All Types			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) AA62 12-GAUGE EOD MK 274 MOD 0 UV SLUG												
1.1) AA62 COMPLETE ROUND		2012	L-TECH ENT / EUBANK, KY	SS / FP	CRANE, CRANE, IN	Mar 2012	Jun 2012	419,753	4.05	Y		
2) DWFP CAP, BLASTING, ELECT, MK17 MOD1												
2.1) DWFP COMPLETE ROUND		2010	STRESAU LABS / SPOONER. WI	SS / FP	CRANE, CRANE, IN	Sep 2012	Dec 2012	5,088	38.13	Y		
2.1) DWFP COMPLETE ROUND		2011	STRESAU LABS / SPOONER. WI	SS / FP	CRANE, CRANE, IN	Sep 2013	Dec 2013	49,597	37.20	Y		
3) DWDN Light Weight Disposable Disrupter												
3.1) DWDN HARDWARE COST		2013	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	SS / FP	CRANE, CRANE, IN	Sep 2013	Sep 2014	1,689	104.80	Y		
4) DWGB POWDER BAG, SMOKELESS												
4.1) DWGB COMPLETE ROUND		2012	STRESAU LABS / SPOONER. WI	SS / FP	CRANE, CRANE, IN	Mar 2012	Jun 2012	9,857	21.00	Y		
7) M039 CHARGE, DEMO 40 LB CRATERING												
7.1) M039 LOAD, ASSEMBLE AND PACK (LAP)		2012	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Jan 2013	3,542	394.11	Y		
7.2) M039 COMP B TYPE I GRADE A (LB)		2012	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	TBD	ROCK ISLAND ARSENAL, IL	Mar 2012	Mar 2012	129,051	10.43	Y		
7.3) M039 ALUMINUM POWDER FLAKED (LB)		2012	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	TBD	ROCK ISLAND ARSENAL, IL	Mar 2012	Jun 2013	37,546	2.69	Y		
7.4) M039 COMP D-2 (LB)		2012	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	TBD	ROCK ISLAND ARSENAL, IL	Mar 2012	Mar 2012	8,950	22.01	Y		
8) M130 CAP, BLASTING, ELECTRIC												
8.1) M130 COMPLETE ROUND		2012	STRESAU LABS / SPOONER. WI	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Mar 2013	39,533	23.98	Y		

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Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
8.1) M130 COMPLETE ROUND	✓	2013	STRESAU LABS / SPOONER. WI	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Mar 2014	48,367	26.03	Y		
9) M421 CHARGE, DEMO SHAPED 40 LB												
9.1) M421 LOAD, ASSEMBLE AND PACK (LAP)		2011	DAY &ZIMMERMANN, INC. / PARSONS, KS	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2011	Jun 2012	6,535	747.00	Y		
9.1) M421 LOAD, ASSEMBLE AND PACK (LAP)		2012	DAY &ZIMMERMANN, INC. / PARSONS, KS	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Nov 2012	1,214	747.09	Y		
9.1) M421 LOAD, ASSEMBLE AND PACK (LAP)		2013	DAY &ZIMMERMANN, INC. / PARSONS, KS	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Jun 2014	1,159	787.01	Y		
9.2) M421 COMP B TYPE I GRADE A (LB)		2010	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	C / FP	ROCK ISLAND ARSENAL, IL	Sep 2012	Sep 2012	9,283	2.37	Y		
9.2) M421 COMP B TYPE I GRADE A (LB)		2011	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	C / FP	ROCK ISLAND ARSENAL, IL	Sep 2013	Sep 2013	202,756	2.54	Y		
9.2) M421 COMP B TYPE I GRADE A (LB)		2013	BAE ORDNANCE SYSTEMS / KINDSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL, IL	Apr 2013	Apr 2014	36,004	19.47	Y		
9.3) M421 GOVERNMENT FURNISHED MATERIAL - COMP B TYPE I GRADE A		2012	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	TBD	ROCK ISLAND ARSENAL, IL	Feb 2013	Feb 2013	422	2.37	Y		
9.3) M421 GOVERNMENT FURNISHED MATERIAL - COMP B TYPE I GRADE A		2013	TO BE SELECTED / UNKNOWN	TBD	ROCK ISLAND ARSENAL, IL	Apr 2014	Apr 2014	422	2.37	Y		
9.4) M421 COMP A-3		2012	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	TBD	ROCK ISLAND ARSENAL, IL	Mar 2012	Mar 2012	225	2.37	Y		
9.4) M421 COMP A-3		2013	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE	TBD	ROCK ISLAND ARSENAL, IL	Mar 2013	Mar 2013	225	2.37	Y		
10) M456 CORD, DETONATING, PETN												
10.1) M456 COMPLETE ROUND		2012	ENSIGN BICKFORD / SIMSBURY, CT	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Dec 2012	1,379,310	0.58	Y		

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Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
10.1) M456 COMPLETE ROUND	✓	2012	ENSIGN BICKFORD / SIMSBURY, CT	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Dec 2012	5,172,414	0.58	Y		
11) M980 CHG, DEMO EXPLOSIVE SHEET 38FT												
11.1) M980 COMPLETE ROUND		2012	ENSIGN BICKFORD / SIMSBURY, CT	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Dec 2012	25,408	26.33	Y		
12) M986 CHG, DEMO SHEET, 9FT PETN												
12.1) M986 COMPLETE ROUND		2012	ENSIGN BICKFORD / SIMSBURY, CT	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2012	Dec 2012	1,529	228.91	Y		
13) ML03 FIRING DEVICE, DEMO, M142												
13.1) ML03 COMPLETE ROUND		2012	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	ROCK ISLAND ARSENAL, IL	May 2012	May 2014	27,233	36.61	Y		
14) ML98 TILE, ARMOR XM/M6 M6E1/A1												
14.1) ML98 COMPLETE ROUND		2012	SHOCK TUBE INC / NOOSUP, CT	C / FFP	NSWC CD,CRAINE,IN	Sep 2012	May 2013	843	2,373.00	Y		
16) MM42 CHARGE, DEMO FLSC 40 GR/FT												
16.1) MM42 COMPLETE ROUND		2010	ENSIGN BICKFORD / GRAHAM, KY	C / IDIQ	NSWC CD,CRAINE,IN	Mar 2012	Mar 2013	1,616	70.53	Y		
16.1) MM42 COMPLETE ROUND		2011	ENSIGN BICKFORD / GRAHAM, KY	C / IDIQ	NSWC CD,CRAINE,IN	Aug 2012	Aug 2013	34,884	72.67	Y		
17) MM44 CHARGE, DEMO FLSC 75 GR/FT												
17.1) MM44 COMPLETE ROUND		2010	ENSIGN BICKFORD / GRAHAM, KY	C / IDIQ	NSWC CD,CRAINE,IN	Mar 2012	Mar 2013	1,197	72.67	Y		
17.1) MM44 COMPLETE ROUND		2011	ENSIGN BICKFORD / GRAHAM, KY	C / IDIQ	NSWC CD,CRAINE,IN	May 2012	May 2013	18,907	72.67	Y		
18) MM48 CHARGE, DEMO FLSC 600 GR/FT												
18.1) MM48 COMPLETE ROUND		2011	ENSIGN BICKFORD / GRAHAM, KY	C / IDIQ	NSWC CD,CRAINE,IN	May 2012	May 2013	18,286	80.06	Y		

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Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
19) MM51 CHARGE, DEMO FLSC 600 GR/FT												
19.1) MM51 COMPLETE ROUND		2012	ENSIGN BICKFORD / GRAHAM, KY	C / FFP	NSWC CD,CRANE,IN	Mar 2012	Mar 2013	80,035	16.93	Y		
20) MM52 CHARGE, DEMO FLSC 1200 GR/FT												
20.1) MM52 COMPLETE ROUND	✓	2011	ENSIGN BICKFORD / GRAHAM, KY	SS / FP	NSWC CD,CRANE,IN	Oct 2011	Apr 2012	206,628	23.99	Y		
20.1) MM52 COMPLETE ROUND		2012	ENSIGN BICKFORD / GRAHAM, KY	SS / FP	NSWC CD,CRANE,IN	Mar 2012	Sep 2012	29,878	33.47	Y		
21) MM53 CHARGE, DEMO FLSC 2400 GR/FT												
21.1) MM53 COMPLETE ROUND		2012	ENSIGN BICKFORD / SIMSBURY, CT	C / IDIQ	NSWC CD,CRANE,IN	Mar 2012	Dec 2012	29,771	33.59	Y		
22) MM54 CHARGE, DEMO FLSC 5400 GR/FT												
22.1) MM54 COMPLETE ROUND		2012	TO BE SELECTED / UNKNOWN	TBD	NSWC CD,CRANE,IN	May 2013	May 2013	9,141	131.27	Y		
23) MN01 SCENT KIT, EXPL DETECT DOG												
23.1) MN01 COMPLETE ROUND		2012	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	C / FP	CRANE, CRANE, IN	Mar 2012	Dec 2012	53	1,233.33	Y		
23.1) MN01 COMPLETE ROUND		2013	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	C / FP	CRANE, CRANE, IN	Mar 2013	Dec 2013	53	1,105.00	Y		
24) MN08 IGNITER, TIME, BLAST M81												
24.1) MN08 COMPLETE ROUND		2012	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2012	Mar 2015	367,303	7.86	Y		
25) MN14 DUAL FIRING DEVICE MK54												
25.1) MN14 COMPLETE ROUND		2012	STOCK ISSUE / New MFG - Loc	C / FP	NSWC CD,CRANE,IN	Sep 2013	Sep 2013	19,534	76.43	Y		
26) MN52 DETONATOR, NON- ELECTRIC MK154												
26.1) MN52 COMPLETE ROUND		2011	SHOCK TUBE INC / NOOSUP, CT	SS / FP	NSWC CD,CRANE,IN	Sep 2011	May 2012	93,626	49.26	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types					Aggregated Item Name: Demolition Munitions, All Types			
Items	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
26.1) MN52 COMPLETE ROUND		2012	SHOCK TUBE INC / NOOSUP, CT	SS / FP	NSWC CD,CRANE,IN	Sep 2012	May 2013	37,062	50.78	Y		
27) MN69 BOOSTER, DEMO CHG, M152												
27.1) MN69 COMPLETE ROUND		2012	TO BE SELECTED / UNKNOWN	C / FFP	PICATINNY ARSENAL, NJ	Mar 2013	Aug 2013	25,221	7.93	Y		
28) MU42 CORD, DET, 100 GRNS PER FT												
28.1) MU42 COMPLETE ROUND		2012	ENSIGN BICKFORD / SIMSBURY, CT	C / FFP	NSWC CD,CRANE,IN	Mar 2012	Nov 2012	2,307,692	0.13	Y		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition	P-1 Line Item Nomenclature: 1625 - Fuze, All Types
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	43.737	14.443	36.242	26.366	-	26.366	24.161	32.391	27.783	26.367	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	43.737	14.443	36.242	26.366	-	26.366	24.161	32.391	27.783	26.367	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	43.737	14.443	36.242	26.366	-	26.366	24.161	32.391	27.783	26.367	Continuing	Continuing

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Fuze, Point Detonating (PD) M739/M739A1 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.

The Fuze, Electronic Time 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, and has the capability to be set inductively or manually.

Fuze, Precision Guidance Kit (PGK) NA28 is used with 155mm projectiles carrying HE (High Explosive) payloads. This fuze is fired from the M198 155mm Medium Towed Howitzer and the M777 Lightweight Towed Howitzer Weapon System.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Fuze, All Types	P40A, P5A, P21				43.737			14.443			36.242			26.366			-			26.366
Total Gross/Weapon System Cost					43.737			14.443			36.242			26.366			-			26.366

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		P-1 Line Item Nomenclature: 1625 - Fuze, All Types
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.		
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		
Justification: FY12 Base Appropriation Request: \$9.266M. \$4.573M procured the N340 Point Detonating (PD) Fuze, which is the latest improved version of the selective impact fuzes and \$4.693M procured the Fuze, Electronic Time which is used with projectiles carrying payloads that are expelled during projectile flight (airburst). FY12 Overseas Contingency Operations Request (OCO): \$5.177M procured the N340 PD fuze for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures. FY13 Base Appropriation Request: \$5.297M procures the PD fuze. FY13 Overseas Contingency Operations Request (OCO): \$30.945M. \$25.888M procures the Precision Guidance Kit and \$5.057M procures the PD fuze for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures. FY14 Base Appropriation Request: \$26.366M. \$3.350M will procure the PD fuze. \$23.016M will procure the Precision Guidance Kit. The unit cost decrease from FY13 to FY14 is the result of economic order pricing on Army contract to procure the PD fuze.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition								P-1 Line Item Nomenclature: 1625 - Fuze, All Types							Aggregated Item Name: Fuze, All Types					
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) N340 FUZE PD M739A1																				
† 1.1) N340 COMPLETE ROUND	A		14.35	251,586	3.611	72.00	117,812	8.483	80.04	114,772	9.186	81.40	35,405	2.882	-	-	-	81.40	35,405	2.882
1.2) N340 PRODUCTION ENGINEERING			-	-	0.733	-	-	0.339	-	-	0.701	-	-	0.335	-	-	-	-	-	0.335
1.3) N340 ACCEPTANCE TESTING			-	-	0.321	-	-	0.784	-	-	0.465	-	-	0.133	-	-	-	-	-	0.133
1.4) N340 QUALITY ASSURANCE			-	-	-	-	-	0.027	-	-	0.002	-	-	-	-	-	-	-	-	-
1.5) N340 NON-RECURRING			-	-	0.097	-	-	0.117	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) N340 FUZE PD M739A1					4.762			9.750			10.354			3.350			-			3.350
2) NA17 FUZE ELECTRONIC TIME M762A1																				
† 2.1) NA17 COMPLETE ROUND	A		30.73	139,557	4.288	244.23	15,162	3.703	-	-	-	-	-	-	-	-	-	-	-	-
2.2) NA17 PRODUCTION ENGINEERING			-	-	0.559	-	-	0.675	-	-	-	-	-	-	-	-	-	-	-	-
2.3) NA17 QUALITY ASSURANCE			-	-	-	-	-	0.004	-	-	-	-	-	-	-	-	-	-	-	-
2.4) NA17 ACCEPTANCE TESTING			-	-	0.240	-	-	0.136	-	-	-	-	-	-	-	-	-	-	-	-
2.5) NA17 NON-RECURRING COSTS			-	-	-	-	-	0.175	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 2) NA17 FUZE ELECTRONIC TIME M762A1					5.087			4.693			-			-			-			-
3) NA28 PRECISION GUIDED KIT (NPGK)																				
† 3.1) NA28 COMPLETE FUZE	A		13,541.01	2,292	31.036	-	-	-	13,541.00	1,749	23.683	8,938.00	2,008	17.947	-	-	-	8,938.00	2,008	17.947
3.2) NA28 PRODUCTION ENGINEERING			-	-	1.202	-	-	-	-	-	0.913	-	-	2.572	-	-	-	-	-	2.572
3.3) NA28 ACCEPTANCE TESTING			-	-	0.410	-	-	-	-	-	0.315	-	-	1.164	-	-	-	-	-	1.164
3.4) NA28 QUALITY ASSURANCE			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition					P-1 Line Item Nomenclature: 1625 - Fuze, All Types										Aggregated Item Name: Fuze, All Types					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
3.5) NA28 NON RECURRING COSTS			-	-	1.240	-	-	-	-	-	0.977	-	-	1.333	-	-	-	-	-	1.333
Subtotal 3) NA28 PRECISION GUIDED KIT (NPGK)					33.888			-			25.888			23.016			-			23.016
Total					43.737			14.443			36.242			26.366			-			26.366

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1625 - Fuze, All Types					Aggregated Item Name: Fuze, All Types			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) N340 FUZE PD M739A1												
1.1) N340 COMPLETE ROUND		2012	ACTION MANUFACTURING INC / PHILADELPHIA, PA	C / FFP	PICATINNEY ARSENAL	Apr 2012	Apr 2014	52,444	72.00	Y		
1.1) N340 COMPLETE ROUND	✓	2012	ACTION MANUFACTURING INC / PHILADELPHIA, PA	C / FFP	PICATINNEY ARSENAL	Apr 2012	Apr 2014	65,368	72.01	Y		
1.1) N340 COMPLETE ROUND		2013	TO BE SELECTED / UNKNOWN	C / IDIQ	PICATINNEY ARSENAL	Jul 2013	Jul 2015	54,636	80.04	Y		
1.1) N340 COMPLETE ROUND	✓	2013	TO BE SELECTED / UNKNOWN	C / IDIQ	PICATINNEY ARSENAL	Jul 2013	Jul 2015	60,136	80.04	Y		
1.1) N340 COMPLETE ROUND		2014	TO BE SELECTED / UNKNOWN	C / TBD	PICATINNEY ARSENAL	Mar 2014	Mar 2016	35,405	81.40	Y		
2) NA17 FUZE ELECTRONIC TIME M762A1												
2.1) NA17 COMPLETE ROUND		2012	L-3 FUZING & ORDNANCE SYSTEMS INC / CINCINNATI, OH	C / FFP	PICATINNEY ARSENAL	Mar 2012	Mar 2014	15,162	244.23	Y		
3) NA28 PRECISION GUIDED KIT (NPGK)												
†3.1) NA28 COMPLETE FUZE		2011	ALLIANT TECH SYSTEMS INC / PLYMOUTH, MN	C / FFP	PICATINNEY ARSENAL	Jan 2013	Feb 2014	736	14,801.60	Y		
†3.1) NA28 COMPLETE FUZE	✓	2011	ALLIANT TECH SYSTEMS INC / PLYMOUTH, MN	C / FFP	PICATINNEY ARSENAL	Jan 2013	Feb 2014	1,749	13,540.88	Y		
†3.1) NA28 COMPLETE FUZE	✓	2013	ALLIANT TECH SYSTEMS INC / PLYMOUTH, MN	SS / FFP	PICATINNEY ARSENAL	Jun 2013	Aug 2014	1,749	13,541.00	Y		
†3.1) NA28 COMPLETE FUZE		2014	ALLIANT TECH SYSTEMS INC / PLYMOUTH, MN	SS / FFP	PICATINNY ARSENAL	May 2014	Dec 2014	2,008	8,938.00	Y		

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition										P-1 Line Item Nomenclature: 1625 - Fuze, All Types													Aggregated Item Name: Fuze, All Types										
Items <i>(Units in Each)</i>							Fiscal Year 2012													Fiscal Year 2013													
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012													Calendar Year 2013													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			
3) NA28 PRECISION GUIDED KIT (NPGK)																																	
3.1) NA28 COMPLETE FUZE																																	
	7	2011	NAVY	736	-	736	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	736	
✓	7	2011	NAVY	1,749	-	1,749	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	1,749	
✓	7	2013	NAVY	1,749	-	1,749	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	1,749	
	7	2014	NAVY	2,008	-	2,008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,008	
							O C T	N O V	D E C	J A N	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		

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013												
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition										P-1 Line Item Nomenclature: 1625 - Fuze, All Types										Aggregated Item Name: Fuze, All Types												
Items <i>(Units in Each)</i>							Fiscal Year 2014										Fiscal Year 2015															
O C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014										Calendar Year 2015										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	
3) NA28 PRECISION GUIDED KIT (NPGK)																																
3.1) NA28 COMPLETE FUZE																																
	7	2011	NAVY	736	-	736	-	-	-	-	107	108	108	108	112	193																-
✓	7	2011	NAVY	1,749	-	1,749	-	-	-	-	150	496	496	496	111																-	
✓	7	2013	NAVY	1,749	-	1,749	-	-	-	-	-	-	-	-	-	437	437	437	438													-
	7	2014	NAVY	2,008	-	2,008	-	-	-	-	-	-	-	A -	-	-	-	-	178	240	270	330	330	330	330					-		
							O C T	N O V	D E C	J A N	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	

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition	P-1 Line Item Nomenclature: 1625 - Fuze, All Types	Aggregated Item Name: Fuze, All Types

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	ALLIANT TECH SYSTEMS INC - PLYMOUTH, MN	300.00	1,100.00	2,200.00	13	9	8	17	2	8	7	15

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							P-1 Line Item Nomenclature: 1628 - Non Lethals						
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:					Other Related Program Elements:				
MDAP/MAIS Code(s):													
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost (<i>\$ in Millions</i>)	5.891	3.639	1.370	-	-	-	8.625	8.624	8.624	10.871	-	47.644	
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) (<i>\$ in Millions</i>)	5.891	3.639	1.370	-	-	-	8.625	8.624	8.624	10.871	-	47.644	
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority (<i>\$ in Millions</i>)	5.891	3.639	1.370	-	-	-	8.625	8.624	8.624	10.871	-	47.644	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>													
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Flyaway Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The Non-Lethal Munition All Types BLIN consists of a family of 12 Gauge, 40mm Grenades, 40mm and 66mm Tubular Launcher Grenades, Diversionary Devices and Grenades. These munitions are explicitly designed and primarily employed to immediately incapacitate targeted personnel or materiel, while minimizing fatalities, permanent injury to personnel, and undesired damage to property in the target area or environment. Non-lethal weapons are intended to have reversible effects on personnel and materiel. These cartridges are fired from MC organic weapons with attachments, such as the M16A4 Service Weapons and M4 Carbines with the M203, 40mm Grenade Launcher or the Grenade Launcher Cup.													

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Non Lethals	P40A, P5A				5.891			3.639			1.370			-			-			-
Total Gross/Weapon System Cost					5.891			3.639			1.370			-			-			-

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		P-1 Line Item Nomenclature: 1628 - Non Lethals
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s): <p>FY 2012 Base Appropriation Request \$2.927M: \$2.752M will procure the Grenade, Rubber Ball Non-Lethal M1014. This procurement is needed to address inventory shortfalls to meet Total Munitions Requirement (TMR) objectives. \$0.175M for production engineering costs for the 12 Gauge Non-Lethal Point Control M1012 Engineering Support In Production (ESIP) and the 40mm XM/M1006, Non-Lethal (Sponge Grenade).</p> <p>FY 2012 Overseas Contingency Operations (OCO) Request \$0.712: \$0.712M procures Grenade, Rubber Ball Non-Lethal for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures.</p> <p>FY 2013 Base Appropriation Request \$1.362M: \$1.000M procures the Grenade, Rubber Ball Non-Lethal; this procurement satisfies inventory shortfalls to meet TMR objectives, no additional funding required in FYDP for this item. \$0.362M procures the Diversionary, Bottom Top Venting (BTV-1); this procurement satisfies inventory shortfalls to meet TMR objectives, no additional funding required in FYDP for this item.</p> <p>FY 2013 Overseas Contingency Operations (OCO) Request \$0.008M: \$0.008M for production engineering of 40mm XM/M1006, Non-Lethal (Sponge Grenade) for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures.</p> <p>FY 2014 Base Appropriation Request \$0.000M</p>		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition									P-1 Line Item Nomenclature: 1628 - Non Lethals							Aggregated Item Name: Non Lethals				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) AA51 CTG, 12 GAUGE NON-LETHAL POINT CONTROL M1012																				
1.1) AA51 COMPLETE ROUND	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) AA51 PRODUCTION ENGINEERING			-	-	-	-	-	0.065	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) AA51 CTG, 12 GAUGE NON-LETHAL POINT CONTROL M1012					0.000		0.065			-			-			-				-
2) BA06 CTG 40MM XM / M1006, NON-LETHAL (SPONGE GR)																				
2.1) BA06 COMPLETE ROUND	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2) BA06 PRODUCTION ENGINEERING			-	-	-	-	-	0.110	-	-	0.008	-	-	-	-	-	-	-	-	-
Subtotal 2) BA06 CTG 40MM XM / M1006, NON-LETHAL (SPONGE GR)					0.000		0.110			0.008			-			-				-
3) GG04 GREANDE, HAND, RUBBER BALL NON-LETHAL																				
† 3.1) GG04 COMPLETE ROUND (1)	A		-	-	-	19.00	174,969	3.324	27.81	19,669	0.547	-	-	-	-	-	-	-	-	-
3.2) GG04 PRODUCTION ENGINEERING			-	-	0.250	-	-	0.140	-	-	0.453	-	-	-	-	-	-	-	-	-
Subtotal 3) GG04 GREANDE, HAND, RUBBER BALL NON-LETHAL					0.250		3.464			1.000			-			-				-
4) GG20 GRENADE, HAND STUD, BTV-1 BL																				
† 4.1) GG20 COMPLETE ROUND	A		54.75	98,824	5.411	-	-	-	55.02	6,579	0.362	-	-	-	-	-	-	-	-	-
4.2) GG20 PRODUCTION ENGINEERING			-	-	0.230	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) GG20 GRENADE, HAND STUD, BTV-1 BL					5.641		-			0.362			-			-				-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition						P-1 Line Item Nomenclature: 1628 - Non Lethals						Aggregated Item Name: Non Lethals									
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
5) MISSION PAYLOAD MODULE NON-LETHAL																					
5.1) MPMN COMPLETE ROUND	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 5) MISSION PAYLOAD MODULE NON- LETHAL					0.000			-			-			-			-			-	
Total					5.891			3.639			1.370			-			-			-	
Footnotes: (1) Increase in unit cost from FY 2012 to FY 2013 due to EOQ pricing.																					

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition				P-1 Line Item Nomenclature: 1628 - Non Lethals					Aggregated Item Name: Non Lethals			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
3) GG04 GREANDE, HAND, RUBBER BALL NON-LETHAL												
3.1) GG04 COMPLETE ROUND		2012	COMBINED SYSTEMS INC. / JAMESTOWN, NY	C / FFP	ARDEC, PICATINNY, NJ	Mar 2012	Mar 2013	137,496	19.00	Y		
3.1) GG04 COMPLETE ROUND	✓	2012	COMBINED SYSTEMS INC. / JAMESTOWN, NY	C / FFP	ARDEC, PICATINNY, NJ	Mar 2012	Mar 2013	37,473	19.00	Y		
3.1) GG04 COMPLETE ROUND		2013	COMBINED SYSTEMS INC. / JAMESTOWN, NY	C / FFP	ARDEC, PICATINNY, NJ	Mar 2013	Mar 2014	19,669	27.81	Y		
4) GG20 GRENADE, HAND STUD, BTV-1 BL												
4.1) GG20 COMPLETE ROUND		2010	RHEINMETALL / TRITTAU, GERMANY	SS / FP	NSWC, CRANE, IN	Mar 2011	Sep 2011	44,157	51.18	Y		
4.1) GG20 COMPLETE ROUND		2011	RHEINMETALL / TRITTAU, GERMANY	SS / FP	NSWC, CRANE, IN	Mar 2012	Sep 2012	43,373	57.64	Y		
4.1) GG20 COMPLETE ROUND	✓	2011	RHEINMETALL / TRITTAU, GERMANY	SS / FP	NSWC, CRANE, IN	Mar 2012	Sep 2012	11,294	57.64	Y		
4.1) GG20 COMPLETE ROUND		2013	RHEINMETALL / TRITTAU, GERMANY	SS / FP	NSWC, CRANE, IN	Mar 2013	Sep 2013	6,579	55.02	Y		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013										
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							P-1 Line Item Nomenclature: 1630 - Ammo Modernization													
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:												
MDAP/MAIS Code(s):																				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total								
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost <i>(\$ in Millions)</i>	19.277	9.287	4.566	8.403	-	8.403	9.389	11.277	11.970	12.146	Continuing	Continuing								
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) <i>(\$ in Millions)</i>	19.277	9.287	4.566	8.403	-	8.403	9.389	11.277	11.970	12.146	Continuing	Continuing								
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority <i>(\$ in Millions)</i>	19.277	9.287	4.566	8.403	-	8.403	9.389	11.277	11.970	12.146	Continuing	Continuing								
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: The Ammunition Modernization BLIN 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 for Ammunition, Rockets, Line charges, Components, Missiles, and quality evaluation.																				
Item Schedule		Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Ammo Modernization	P40A				19.277			9.287			4.566			8.403			-			8.403
Total Gross/Weapon System Cost					19.277			9.287			4.566			8.403			-			8.403
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				
Justification: FY 2012 Base Appropriation Request: \$9.287M, The Ammo Modernization BLI in FY12 baseline supported x-ray efforts for Light Weight Anti-Armor Weapon (LAW) rockets that had potential safety issues. FY 2013 Base Appropriation Request: \$4.566M, The Ammo Modernization line in FY13 baseline provides minimum Quality Assurance sustainment and defers equipment upgrades.																				

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		P-1 Line Item Nomenclature: 1630 - Ammo Modernization
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s): FY 2014 Base Appropriation Request: \$8.403M, Increases level of effort to modernize Ammunition (especially 40mm), Rockets, Line charges, Components, and Missiles.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition						P-1 Line Item Nomenclature: 1630 - Ammo Modernization									Aggregated Item Name: Ammo Modernization					
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) Ammo Modernization																				
1.1) AM01, CTG, 40MM	A		-	-	1.753	-	-	1.197	-	-	0.884	-	-	2.135	-	-	-	-	-	2.135
1.2) AM02, ROCKETS AMMO MOD	A		-	-	1.409	-	-	3.207	-	-	0.801	-	-	1.319	-	-	-	-	-	1.319
1.3) AM03, LINE CHARGE AMMO MOD	A		-	-	1.409	-	-	1.025	-	-	0.801	-	-	1.319	-	-	-	-	-	1.319
1.4) AM04, COMPONENTS AMMO MOD	A		-	-	1.409	-	-	1.220	-	-	0.801	-	-	1.319	-	-	-	-	-	1.319
1.5) AM05, MISSILE COMP AMMO MOD	A		-	-	1.409	-	-	1.480	-	-	0.801	-	-	1.319	-	-	-	-	-	1.319
1.6) AM06, QUAL EVAL AMMO MOD	A		-	-	11.882	-	-	1.117	-	-	0.463	-	-	0.977	-	-	-	-	-	0.977
1.7) AMMO, AMMO MOD	A		-	-	0.006	-	-	0.041	-	-	0.015	-	-	0.015	-	-	-	-	-	0.015
Total					19.277			9.287			4.566			8.403			-			8.403

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							P-1 Line Item Nomenclature: 1660 - Items less than \$5 million						
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:					Other Related Program Elements:				
MDAP/MAIS Code(s):													
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost <i>(\$ in Millions)</i>	10.848	6.131	6.022	5.201	-	5.201	5.197	5.250	5.470	5.491	Continuing	Continuing	
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) <i>(\$ in Millions)</i>	10.848	6.131	6.022	5.201	-	5.201	5.197	5.250	5.470	5.491	Continuing	Continuing	
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority <i>(\$ in Millions)</i>	10.848	6.131	6.022	5.201	-	5.201	5.197	5.250	5.470	5.491	Continuing	Continuing	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>													
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Items Less Than \$5 Million supports a few Marine Corps Units that have niche ammunition requirements that cannot be satisfied through the Total Munitions Requirement (TMR). This line includes the Marine Corps (MC) Competition Shooting Team with ammunition loading equipment and unique precision ammunition components through small purchase orders and the small arms small purchase credit card. This line also includes First Destination Transportation Charge (FDTC) funds that are utilized for the distribution of Marine Corps' ammunition end items from manufacturing plants assembly points. The Marine Security Guard Battalion (MSGB) funds the Marine Security Guard Battalion ammunition requirements which are procured through the U.S. State Department. Counter-DRUG Interdiction funds are provided to the MC in the year of execution to support drug interdiction requirements.													

Item Schedule		Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Items less than \$5 million	P40A				10.848			6.131			6.022			5.201			-			5.201
Total Gross/Weapon System Cost					10.848			6.131			6.022			5.201			-			5.201

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		P-1 Line Item Nomenclature: 1660 - Items less than \$5 million
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s): <p>FY 2012 Baseline: \$643K procured Drug Interdiction items; \$4.458M funded First Destination Transportation of items procured with baseline funding, this is for shipment from the contractor's plant to the initial point of receipt for subsequent shipment to its destination; and \$400K funded Marine Security Guard Battalion ammunition requirements procured through the U.S. State Department.</p> <p>FY 2012 Overseas Contingency Operations (OCO): \$630K funded First Destination Transportation</p> <p>FY 2013 Baseline Appropriation: \$199K is procuring Rifle Team unique ammunition; \$5.411M is providing First Destination Transportation of items delivering in FY13, additional funding accommodates an increased shipment requirement; and \$400K is funding Marine Security Guard Battalion ammunition requirements procured through the U.S. State Department.</p> <p>FY 2013 Overseas Contingency Operations (OCO): \$12K is funding First Destination Transportation</p> <p>FY 2014 Baseline Appropriation: \$198K will procure Rifle Team ammunition; \$4.603M will provide First Destination Transportation of items delivering in FY14, decreased funding to support a reduced shipment requirement; and \$400K will fund Marine Security Guard Battalion ammunition requirements procured through the U.S. State Department.</p>		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition						P-1 Line Item Nomenclature: 1660 - Items less than \$5 million									Aggregated Item Name: Items less than \$5 million					
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) Items Less than \$5M																				
1.1) A001, RIFLE TEAM AMMUNITION	A		-	-	-	-	-	-	-	-	0.199	-	-	0.198	-	-	-	-	-	0.198
1.2) DRUG INT, DRUG INTERDICTION	A		-	-	0.605	-	-	0.643	-	-	-	-	-	-	-	-	-	-	-	-
1.3) FDTC, FIRST DESTINATION TRANSPORTATION CHARGE			-	-	9.843	-	-	5.088	-	-	5.423	-	-	4.603	-	-	-	-	-	4.603
1.4) MSGB, MARINE SECURITY GUARD BATTALION AMMO	A		-	-	0.400	-	-	0.400	-	-	0.400	-	-	0.400	-	-	-	-	-	0.400
Total					10.848			6.131			6.022			5.201			-			5.201

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