

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB Amended 2015 Army **Date:** June 2014

Appropriation / Budget Activity / Budget Sub Activity: 2034A: Procurement of Ammunition, Army / BA 01: Ammunition / BSA 47: Other Ammunition	P-1 Line Item Number / Title: E55400 / Demolition Munitions, All Types
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ID Code (A=Service Ready, B=Not Service Ready) :			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	222.791	36.744	28.074	22.899	3.000	25.899	23.707	18.938	16.573	21.465	-	394.191
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	222.791	36.744	28.074	22.899	3.000	25.899	23.707	18.938	16.573	21.465	-	394.191
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	222.791	36.744	28.074	22.899	3.000	25.899	23.707	18.938	16.573	21.465	-	394.191
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This budget line includes Demolition Munitions, All Types.

(E45403) Receiver, Magneto-Inductive (MI) Firing Device (XM40) has the capability of detonating a secondary explosive lead, an M-7 non-electric military blasting cap or Modernized Demolition Initiator. It is the receiver for the M156 Remote Firing Device which can provide reliable wireless initiation of demolition charges through all mediums. This item is Code B, not approved for service use.

(E45404) The M17E1 Receiver, Radio Frequency Remote Activation Munition System (RF-RAMS) (DODIC MP47) is a one-time use receiver that provides the un-tethered capability to wirelessly function/initiate demolition charges or munitions up to and beyond 5 KM line-of-sight/non line-of-sight, once it receives the correct programmed coded signal from the MK152 RF-RAMS transmitter. The Receiver is programmed in the field by an RF-RAMS Transmitter and subsequently responds only to that transmitter. The M17E1 Receiver is a single use item, which is capable of functioning non electric blasting caps or detonation cord. Ongoing design verification testing of the M17E1 will support an Engineering Change Proposal (ECP) approval in 2QFY15 and the subsequent initial production build in FY15. This item is Code A, approved for service use.

(E50601) Charge Demolition Block Comp C-4 1-1/4 LB M112 is the primary demolition explosive used by the U.S. Army. The M112 Demolition Block is used for general demolition and, in particular, for destruction of captured enemy ammunition. The block demolition charge consists of 1-1/4 pounds of composition C-4 plastic explosive packed in a Mylar-film bag. Pressure sensitive adhesive tape is provided on one of the rectangular surfaces, allowing quick emplacement by the individual soldier on the object to be destroyed. The explosive may be cut and/or removed from its wrapper and hand molded into a desired shape suited to the target. Upon detonation, the shock wave destroys the target by cutting, breaching or cratering. This item is Code A, approved for service use.

(E50804) Trainer, Selectable Lightweight Attack Munition (SLAM) M320A1 simulates the controls and function of the M4A1 SLAM. It is used to train soldiers in the safe handling and use of the tactical munition. This item is Code B, not approved for service use.

(E51300) Charge Demolition Block Cratering 40 pound is a demolition charge designed to destroy roads, bridge abutments, runways, buildings, fortifications and other concrete structures. It uses a low velocity explosive which destroys by a lifting and heaving motion rather than the cutting action of high velocity charges. This item is Code A, approved for service use.

(E51400) Charge Demolition Sheet 50 Foot Roll, M186 is a flexible explosive. It is 3 inches wide and 1/4 inch thick. It can be easily cut and formed into various shapes and is primarily used as a cutting charge. This item is Code A, approved for service use.

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Appropriation / Budget Activity / Budget Sub Activity: 2034A: Procurement of Ammunition, Army / BA 01: Ammunition / BSA 47: Other Ammunition		P-1 Line Item Number / Title: E55400 / Demolition Munitions, All Types
ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
<p>(E52500) Cap Blasting Electric M6 is used to initiate high explosives. It is initiated by an electrical charge from a blasting machine or other source of electric power. Blasting cap M6 consists of a base charge of RDX, an intermediate charge of lead azide and an ignition charge of smokeless powder, potassium chlorate and lead salt of dinitro cresol in an aluminum alloy cup. Two 12-foot lead wires, connected by a bridge wire in the ignition charge, extend through a rubber plug assembly in the open end of the cup. This item is Code A, approved for service use.</p> <p>(E53200) Charge Demolition Shaped M3 40 pound is used to blast craters in paved and unpaved roads and to bore holes in metals, masonry or concrete. It contains a 15-inch stand-off, 29.5 pound Comp B main charge and a 0.11 pound Comp A3 booster. This item is Code A, approved for service use.</p> <p>(E54100) Detonating Cord is used to prime and detonate explosive charges. Unlike the time fuze, which burns slowly, detonating cord burns almost instantaneously. It is used to link a series of near simultaneous charges. The Type 1, Class E detonating cord consists of a core of high velocity explosive in a seamless textile tube. The tube is covered with a thin layer of asphalt and sheathed in an outer cover of plastic coated textile. The plastic outer cover is smooth and colored olive drab. This item is Code A, approved for service use.</p> <p>(E60200) Cutter Cartridge Actuated 2 Second Delay M21 is a cartridge actuated device that is used in aerial delivery systems for cargo. It severs a reefing line which allows a parachute to fully deploy. The cutter is installed in a mounting bracket which is attached to the parachute. Major components consist of a case, firing pin assembly, lanyard, knife assembly, delay assembly, and cotter pin. This item is Code A, approved for service use.</p> <p>(E76718) Explosive Ordnance Disposal (EOD) items for Percussion Actuated Non-electric (PAN) disrupter items are special 12-gauge cartridges for Standoff Disrupter Improvised Explosive Device (SD-IED) Tool (AKA "PAN Disrupter") that provide the EOD soldier with a set of cartridges specifically designed for disrupting various types of IEDs. Various cartridges enable use against different types of IEDs, such as soft case, pipe bomb, or hard case. These items are Code B, not approved for service use.</p> <p>(E76728) MK 788-0, Main Charge Disrupter is a device used to render-safe unexploded ordnance (UXO). Upon initiation, the device attacks and neutralizes the main charge explosive by generating reactions up to and including low-order detonations. It is a non-developmental item (NDI) consisting of an energetic tool (ET), a demolition material interface adapter, and an emplacement stand. The MCD provides EOD with an improved neutralization capability in situations where the use of more traditional methods (attacking the fuzing mechanism or high-order detonation) is not possible or desired. This item is Code B, not approved for service use.</p> <p>(E81302) Cap Blasting Non-Elec, W/30 ft Shock Tube is part of the family of Modern Demolition Initiators (MDI). It consists of a blasting cap which is factory sealed to a length of shock tube. The tube is activated using an M81 igniter. A shock wave travels the length of the tube, with a delay measured in milliseconds, and ignites the blasting cap which in turn initiates the main charge. The MDI is not susceptible to electrostatic discharge or Radio Frequency (RF) jamming. The 30 foot length is generally used as a linking charge for a series of demolitions. This item is Code A, approved for service use.</p> <p>(E81307) Igniter, Time Fuze and Shock Tube, M81 is a device, hand held by the individual Soldier, with a small primer charge that will activate the M700 Time Fuze as well as a shock tube. It is the primary device for all non-electrical demolition initiation. This item is Code A, approved for service use.</p> <p>(E81310) Cap Blasting Inert, Non-Elect, Delay, M14 is an inert nondelay military sized blasting cap which is factory crimped to 7.5 feet of inert time fuze. This component is a trainer for the M14 blasting cap which provides up to a five minute delay before initiation of charges or demolition devices to allow soldiers to achieve safe separation. The M14 Inert is a member of the Modernized Demolition Initiators (MDI), a set of components which non-electrically initiates explosives using either shock-tube or low powered detonator cord which has been in commercial use for twenty years. The new components are lighter, more reliable and easier to use. This item is Code A, approved for service use.</p> <p>(E99800) Anti-Personnel Obstacle Breaching System (APOBS) Training Aid, Inert is a classroom training aid for the APOBS (E72800). It's appearance and weight are identical to the APOBS, but it is entirely non-functional and is only used to demonstrate proper set up of the system prior to firing. This item is Code A, approved for service use.</p> <p>(E99903) Blast Cap, Non-Elec: 500Ft Minitube, M21 is part of the family of Modern Demolition Initiators (MDI). It consists of an initiating component used to activate standard military explosives and demolition devices. The MDI is not susceptible to electrostatic discharge or Radio Frequency (RF) jamming. This item is Code A, approved for service use.</p>		

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Exhibit P-40, Budget Line Item Justification: PB Amended 2015 Army **Date:** June 2014

Appropriation / Budget Activity / Budget Sub Activity:
2034A: Procurement of Ammunition, Army / BA 01: Ammunition / BSA 47: Other Ammunition

P-1 Line Item Number / Title:
E55400 / Demolition Munitions, All Types

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:**

(E99905) Blast Cap, Non-Elec, 1000Ft Minitube, M23 is part of the family of Modern Demolition Initiators (MDI). It consists of an initiating component used to activate standard military explosives and demolition devices. The MDI is not susceptible to electrostatic discharge or Radio Frequency (RF) jamming. This item is Code A, approved for service use.

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - E45403 / RECEIVER, MAGNETO-INDUCTIVE FIRING DEVICE: XM40	P-40a***	B	-	-	5.789	-	-	1.806	-	-	-	-	-	-	-	-	-	-	-	-
Item - E50804 / TRAINER, SELECTABLE LTWT ATTK MUNIT(SLAM), M320A1	P-40a***	B	7,556.82	264	1.995	8,825.40	252	2.224	-	-	-	-	-	-	-	-	-	-	-	-
Item - E51300 / CHG DEMO BLK CRATERING 40 LB	P-40a***	A	9,749.30	3,933	38.344	1,852.38	630	1.167	1,804.17	720	1.299	-	-	-	-	-	-	-	-	-
Item - E51400 / CHARGE DEMO, (50FT), Sheet Explosive, M186	P-40a***	A	22,242.29	227	5.049	21.10	134,850	2.846	124.07	2,418	0.300	-	-	-	-	-	-	-	-	-
Item - E52500 / CAP BLASTING ELEC M6	P-40a***	A	4,154.20	3,035	12.608	154.80	10,000	1.548	44.22	35,275	1.560	51.45	19,592	1.008	-	-	-	51.45	19,592	1.008
Item - E54100 / CORD DETONATING TYPE 1	P-40a***	A	89.18	277,265	24.726	0.49	2,607,000	1.282	0.39	3,351,937	1.304	0.41	2,686,222	1.113	-	-	-	0.41	2,686,222	1.113
Item - E60200 / CUTTER CTG ACTUATED 2 SEC DELAY M21	P-40a***	A	146,138.46	260	37.996	-	-	1.823	616.29	2,984	1.839	-	-	-	-	-	-	-	-	-
Item - E76718 / EOD ITEMS FOR PAN DISRUPTER	P-40a***	B	-	-	3.336	-	-	1.321	-	-	-	-	-	-	-	-	-	-	-	-
Item - E76728 / Disrupter, Main Charge, MK 788-0	P-40a***		-	-	-	177.80	4,100	0.729	101.08	1,484	0.150	746.84	79	0.059	-	-	-	746.84	79	0.059
Item - E81302 / CAP BLASTING NON-ELEC, W/30 FT SHOCK TUBE	P-40a***	A	5,548.88	1,115	6.187	35.91	5,040	0.181	32.70	5,657	0.185	34.16	5,445	0.186	-	-	-	34.16	5,445	0.186
Item - E81307 / IGNITER, TIME FUZE AND SHOCK TUBE M81	P-40a***	A	6,256.99	2,646	16.556	20.34	50,040	1.018	9.13	55,554	0.507	7.23	70,578	0.510	-	-	-	7.23	70,578	0.510
Item - E81310 / CAP, BLASTING, INERT, NON-ELECT, DELAY, M14	P-40a***	A	26,323.53	34	0.895	17.43	30,000	0.523	-	-	-	-	-	-	-	-	-	-	-	-
Item - E99800 / APOBS Training Aid, Inert	P-40a***	A	-	-	-	-	-	-	-	-	-	9,904.52	199	1.971	-	-	-	9,904.52	199	1.971
Item - E99903 / Blast Cap, Non-Elec: 500Ft Minitube, M21	P-40a***	A	55,994.92	197	11.031	147.42	5,040	0.743	57.51	13,023	0.749	59.28	12,703	0.753	-	-	-	59.28	12,703	0.753

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Exhibit P-40, Budget Line Item Justification: PB Amended 2015 Army **Date:** June 2014

Appropriation / Budget Activity / Budget Sub Activity: 2034A: Procurement of Ammunition, Army / BA 01: Ammunition / BSA 47: Other Ammunition	P-1 Line Item Number / Title: E55400 / Demolition Munitions, All Types
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Exhibits Schedule			Program Elements for Code B Items:									Other Related Program Elements:								
Title*	Exhibits	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Item - E99905 / Blast Cap, Non-Elec, 1000Ft Minitube, M23	P-40a***	A	71,397.79	181	12.923	212.75	5,020	1.068	96.18	8,120	0.781	98.76	8,151	0.805	-	-	-	98.76	8,151	0.805
Item - E45404 / RECEIVER, M17E1 RADIO FIRING- REMOTE ACTV(RF-RAMS)	P-5, P-5a, P-21	A	-	-	-	-	-	-	-	-	-	3,280.10	3,613	11.851	-	-	-	3,280.10	3,613	11.851
Item - E50601 / CHG DEMO BLK COMP C-4 1-1/4 LB M112	P-5, P-5a, P-21	A	1,648.64	14,444	23.813	47.68	280,080	13.353	44.49	320,240	14.247	65.57	36,859	2.417	39.83	75,322	3.000	48.29	112,181	5.417
Item - E53200 / CHG DEMO SHAPED M3 40 LB	P-5, P-5a, P-21	A	359,050.00	60	21.543	1,587.58	3,220	5.112	2,550.99	2,020	5.153	2,678.70	831	2.226	-	-	-	2,678.70	831	2.226
Total Gross/Weapon System Cost			-	-	222.791	-	-	36.744	-	-	28.074	-	-	22.899	-	-	3.000	-	-	25.899

*** Although this is an Exhibit P-40a item, the actual exhibit is not included since all of the required information for this item is already being shown here.

*For Items, Title represents the Item Number / Title [DODIC].

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

Justification:
 FY 2015 Base Budget supports critical Army Title 10 war reserve/operational, training, and test requirements IAW DoD Instruction 3000.04 (Munitions Requirements Process) and AR 5-13 (Total Army Munitions Requirements Process and Prioritization System). War reserve requirements support OSD-approved Combatant Commander Operational Plans, Homeland Defense, and other OSD-directed missions. Training requirements support individual and collective training of Active and Reserve Component forces at Army schools, home station and the combined training centers. Test requirements support the development, fielding, safety and quality assurance of Army munitions and equipment throughout their life-cycle.
 FY 2015 OCO request supports procurement of critical Army munitions consumed in support of deployed units' ongoing military operations.
 In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.
 FY 2015 Base procurement dollars in the amount of \$22.899 million supports production of 11 variants of Demolitions.
 FY 2015 OCO procurement dollars in the amount of \$3.000 million supports production of 1 variant of Demolitions. All for OEF; Army has designated ammunition for war and operations requirements. Ammo used in OCO is taken from this warfighting inventory. Army needs OCO funding to reset this expenditure from the munitions War Reserve. Reset is essential to future readiness.

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Exhibit P-5, Cost Analysis: PB Amended 2015 Army													Date: June 2014																																																																																																																																																																																																																																																							
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Cost Elements	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total																																																																																																																																																																																																																																																				
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Exhibit P-5a, Procurement History and Planning: PB Amended 2015 Army							Date: June 2014					
Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 47			P-1 Line Item Number / Title: E55400 / Demolition Munitions, All Types				Item Number / Title [DODIC]: E45404 / RECEIVER, M17E1 RADIO FIRING-REMOTE ACTV(RF-RAMS)					
Cost Elements	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 Revision Available	RFP Issue Date
COMPLETE ROUND ^(†)		2015	TO BE SELECTED / TBS01	C / TBD	PICATINNY ARSENAL, NJ	May 2015	Nov 2016	3,613	2,160.00	N		

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB Amended 2015 Army															Date: June 2014														
Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 47										P-1 Line Item Number / Title: E55400 / Demolition Munitions, All Types										Item Number / Title [DODIC]: E45404 / RECEIVER, M17E1 RADIO FIRING-REMOTE ACTV(RF-RAMS)									

Cost Elements <i>(Units in Thousands)</i>						Fiscal Year 2015												Fiscal Year 2016													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT 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
COMPLETE ROUND																															
	1	2015	ARMY	3.613	-	3.613																							3.613		
							O C T	N O V	D E C	J A N	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, Production Schedule: PB Amended 2015 Army															Date: June 2014														
Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 47										P-1 Line Item Number / Title: E55400 / Demolition Munitions, All Types										Item Number / Title [DODIC]: E45404 / RECEIVER, M17E1 RADIO FIRING-REMOTE ACTV(RF-RAMS)									

Cost Elements <i>(Units in Thousands)</i>						Fiscal Year 2017												Fiscal Year 2018													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	Calendar Year 2017												Calendar Year 2018												
							O C T	N O V	D E C	J A N	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
COMPLETE ROUND																															
	1	2015	ARMY	3.613	-	3.613	-	.302	.301	.301	.301	.301	.301	.301	.301	.301	.301	.301													
							O C T	N O V	D E C	J A N	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, Production Schedule: PB Amended 2015 Army		Date: June 2014
Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 47	P-1 Line Item Number / Title: E55400 / Demolition Munitions, All Types	Item Number / Title [DODIC]: E45404 / RECEIVER, M17E1 RADIO FIRING-REMOTE ACTV(RF-RAMS)

MFR Ref #	MFR Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2015	1-8-5 For 2015	MAX For 2015	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	TO BE SELECTED - TBS01	.125	.500	2.000	8	8	18	26	6	6	12	18

The first non-gray cell in the Delivery Schedule indicates the Contract Award Date.

Note: 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 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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Exhibit P-5, Cost Analysis: PB Amended 2015 Army		Date: June 2014
Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 47	P-1 Line Item Number / Title: E55400 / Demolition Munitions, All Types	Item Number / Title [DODIC]: E50601 / CHG DEMO BLK COMP C-4 1-1/4 LB M112

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years⁽⁺⁾	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Procurement Quantity (Units in Each)	14,444	280,080	320,240	36,859	75,322	112,181
Gross/Weapon System Cost (\$ in Millions)	23.813	13.353	14.247	2.417	3.000	5.417
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	23.813	13.353	14.247	2.417	3.000	5.417
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	23.813	13.353	14.247	2.417	3.000	5.417

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	1,648.64	47.68	44.49	65.57	39.83	48.29

Budget Years Cost values do not sum to the represented total intentionally:

(+) Prior Years Cost Delta: 23.813 million

Cost Elements	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware Cost																		
Recurring Cost																		
LOAD, ASSEMBLE, PACK (LAP) ^(†)	-	-	-	7.52	280,080	2.108	10.12	320,240	3.241	10.34	36,859	0.381	10.34	75,322	0.779	10.34	112,181	1.160
COMP C-4 CLASS 3 ^(†)	-	-	-	12.86	369,705	4.754	21.90	423,151	9.267	22.34	48,654	1.087	22.34	99,426	2.221	22.34	148,080	3.308
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	6.861	-	-	12.508	-	-	1.468	-	-	3.000	-	-	4.468
<i>Subtotal: Hardware Cost</i>	-	-	-	-	-	6.861	-	-	12.508	-	-	1.468	-	-	3.000	-	-	4.468
Support Cost																		
PRODUCTION ENGINEERING	-	-	-	-	-	2.568	-	-	1.229	-	-	0.889	-	-	-	-	-	0.889
QUALITY ASSURANCE	-	-	-	-	-	0.007	-	-	0.007	-	-	0.002	-	-	-	-	-	0.002
FIRST ARTICLE TEST	-	-	-	-	-	0.109	-	-	0.103	-	-	0.058	-	-	-	-	-	0.058
C4 QUALIFICATION TEST	-	-	-	-	-	1.352	-	-	0.200	-	-	-	-	-	-	-	-	-
TAPE MODIFICATION	-	-	-	-	-	1.202	-	-	0.200	-	-	-	-	-	-	-	-	-
TAGGANT STUDY	-	-	-	-	-	1.253	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support Cost</i>	-	-	-	-	-	6.491	-	-	1.739	-	-	0.949	-	-	-	-	-	0.949
Gross/Weapon System Cost	1,648.64	14,444	23.813	47.68	280,080	13.353	44.49	320,240	14.247	65.57	36,859	2.417	39.83	75,322	3.000	48.29	112,181	5.417

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Exhibit P-5, Cost Analysis: PB Amended 2015 Army		Date: June 2014
Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 47	P-1 Line Item Number / Title: E55400 / Demolition Munitions, All Types	Item Number / Title [DODIC]: E50601 / CHG DEMO BLK COMP C-4 1-1/4 LB M112
ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:	
^(†) indicates the presence of a P-5a		

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Exhibit P-5a, Procurement History and Planning: PB Amended 2015 Army								Date: June 2014				
Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 47			P-1 Line Item Number / Title: E55400 / Demolition Munitions, All Types					Item Number / Title [DODIC]: E50601 / CHG DEMO BLK COMP C-4 1-1/4 LB M112				
Cost Elements	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 Revision Available	RFP Issue Date
LOAD, ASSEMBLE, PACK (LAP) ^(†)		2013	AMERICAN ORDNANCE LLC (IAAP) / MIDDLETOWN, IA	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Mar 2014	280,080	7.52	Y		
LOAD, ASSEMBLE, PACK (LAP) ^(†)		2014	TO BE SELECTED / TBS01	C / FFP	ROCK ISLAND ARSENAL, IL	May 2014	Nov 2015	320,240	10.12	Y		
LOAD, ASSEMBLE, PACK (LAP) ^(†)		2015	TO BE SELECTED / TBS01	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2015	Mar 2016	112,181	10.34	Y		
COMP C-4 CLASS 3		2013	BAE SYSTEMS ORDNANCE SYSTEMS / KINGSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL, IL	Apr 2013	Jan 2014	369,705	12.86	Y		
COMP C-4 CLASS 3		2014	BAE SYSTEMS ORDNANCE SYSTEMS / KINGSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL, IL	Apr 2014	Jan 2015	423,151	21.90	Y		
COMP C-4 CLASS 3		2015	BAE SYSTEMS ORDNANCE SYSTEMS / KINGSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL, IL	Apr 2015	Jan 2016	148,080	22.34	Y		

^(†) indicates the presence of a P-21

Remarks:
FY13 Option award to competitive contract awarded in FY09. FY14 will be a new contract.

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Exhibit P-21, Production Schedule: PB Amended 2015 Army													Date: June 2014																		
Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 47						P-1 Line Item Number / Title: E55400 / Demolition Munitions, All Types													Item Number / Title [DODIC]: E50601 / CHG DEMO BLK COMP C-4 1-1/4 LB M112												

Cost Elements <i>(Units in Thousands)</i>						Fiscal Year 2013													Fiscal Year 2014													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT 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	
LOAD, ASSEMBLE, PACK (LAP)																																
1	2013	ARMY		280.080	-	280.080																										
1	2013	NAVSEA (‡)		44.490	-	44.490																										
1	2013	AF (‡)		137.340	-	137.340																										
1	2013	NSOF (‡)		19.290	-	19.290																										
1	2013	Total		481.200	-	481.200																										
2	2014	ARMY		320.240	-	320.240																										
2	2014	AF (‡)		74.563	-	74.563																										
2	2014	NSOF (‡)		13.770	-	13.770																										
2	2014	Total		408.573	-	408.573																										
2	2015	ARMY		112.181	-	112.181																										
2	2015	AF (‡)		70.648	-	70.648																										
2	2015	NSOF (‡)		30.930	-	30.930																										
2	2015	Total		213.759	-	213.759																										

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Exhibit P-21, Production Schedule: PB Amended 2015 Army															Date: June 2014														
Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 47										P-1 Line Item Number / Title: E55400 / Demolition Munitions, All Types										Item Number / Title [DODIC]: E50601 / CHG DEMO BLK COMP C-4 1-1/4 LB M112									

Cost Elements <i>(Units in Thousands)</i>					Fiscal Year 2015												Fiscal Year 2016														
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT 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	
LOAD, ASSEMBLE, PACK (LAP)																															
	1	2013	ARMY	280.080	163.380	116.700	23.340	23.340	23.340	23.340	23.340																			-	
	1	2013	NAVSEA (‡)	44.490	25.955	18.535	3.707	3.707	3.707	3.707	3.707																			-	
	1	2013	AF (‡)	137.340	80.115	57.225	11.445	11.445	11.445	11.445	11.445																			-	
	1	2013	NSOF (‡)	19.290	19.290	-	-	-	-	-	-																			-	
	1	2013	Total	481.200	288.740	192.460	38.492	38.492	38.492	38.492	38.492																			-	
	2	2014	ARMY	320.240	-	320.240	-	-	-	-	-	-	-	-	-	-	-	-	50.000	72.000	58.667	97.000	42.573							-	
	2	2014	AF (‡)	74.563	-	74.563	-	-	-	-	-	-	-	-	-	-	-	-	11.230	25.000	38.333	-	-							-	
	2	2014	NSOF (‡)	13.770	-	13.770	-	-	-	-	-	-	-	-	-	-	-	-	13.770	-	-	-	-							-	
	2	2014	Total	408.573	-	408.573	-	-	-	-	-	-	-	-	-	-	-	-	75.000	97.000	97.000	97.000	42.573							-	
	2	2015	ARMY	112.181	-	112.181																		19.803	19.803	19.803	19.803	19.803	13.166	-	
	2	2015	AF (‡)	70.648	-	70.648																		13.000	28.814	28.834	-	-	-	-	
	2	2015	NSOF (‡)	30.930	-	30.930																		13.000	17.930	-	-	-	-	-	
	2	2015	Total	213.759	-	213.759																	45.803	66.547	48.637	19.803	19.803	13.166		-	
							O C T	N O V	D E C	J A N	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, Production Schedule: PB Amended 2015 Army		Date: June 2014
Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 47		P-1 Line Item Number / Title: E55400 / Demolition Munitions, All Types
		Item Number / Title [DODIC]: E50601 / CHG DEMO BLK COMP C-4 1-1/4 LB M112

MFR Ref #	MFR Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2015	1-8-5 For 2015	MAX For 2015	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 LLC (IAAP) - MIDDLETOWN, IA	14.000	97.000	200.000	8	8	18	26	6	6	12	18
2	TO BE SELECTED - TBS01	14.000	97.000	120.000	8	8	18	26	6	6	12	18

(±) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule. The first non-gray cell in the Delivery Schedule indicates the Contract Award Date.

Note: 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 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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Exhibit P-5, Cost Analysis: PB Amended 2015 Army		Date: June 2014
Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 47	P-1 Line Item Number / Title: E55400 / Demolition Munitions, All Types	Item Number / Title [DODIC]: E53200 / CHG DEMO SHAPED M3 40 LB

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years⁽⁺⁾	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Procurement Quantity (Units in Each)	60	3,220	2,020	831	-	831
Gross/Weapon System Cost (\$ in Millions)	21.543	5.112	5.153	2.226	-	2.226
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	21.543	5.112	5.153	2.226	-	2.226
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	21.543	5.112	5.153	2.226	-	2.226

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	359,050.00	1,587.58	2,550.99	2,678.70	-	2,678.70

Budget Years Cost values do not sum to the represented total intentionally:

(+) Prior Years Cost Delta: 21.543 million

Cost Elements	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware Cost																		
Recurring Cost																		
LOAD, ASSEMBLE, PACK (LAP) ^(†)	-	-	-	764.09	3,220	2.460	826.75	2,020	1.670	883.33	831	0.734	-	-	-	883.33	831	0.734
COMP B TYPE I GRADE A ^(†)	-	-	-	10.23	103,040	1.054	17.07	62,712	1.070	17.48	26,592	0.465	-	-	-	17.48	26,592	0.465
*COMP A-3 ^(††)	-	-	-	2.37	483	0.001	2.57	230	0.001	2.57	94	*.***	-	-	-	2.57	94	*.***
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	3.516	-	-	2.741	-	-	1.199	-	-	-	-	-	1.199
<i>Subtotal: Hardware Cost</i>	-	-	-	-	-	3.516	-	-	2.741	-	-	1.199	-	-	-	-	-	1.199
Support Cost																		
PRODUCTION ENGINEERING	-	-	-	-	-	0.507	-	-	0.602	-	-	0.444	-	-	-	-	-	0.444
QUALITY ASSURANCE	-	-	-	-	-	0.002	-	-	0.003	-	-	0.003	-	-	-	-	-	0.003
*GOVERNMENT FURNISHED MATERIAL	-	-	-	-	-	0.001	-	-	-0.001	-	-	-	-	-	-	-	-	-
PACKAGING, CRATING & HANDLING COMP B	-	-	-	-	-	0.002	-	-	-	-	-	-	-	-	-	-	-	-
PACKAGING, CRATING & HANDLING COMP A-3	-	-	-	-	-	0.002	-	-	0.002	-	-	-	-	-	-	-	-	-
INSENSITIVE MUNITIONS EFFORTS	-	-	-	-	-	-	-	-	1.806	-	-	0.580	-	-	-	-	-	0.580

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Exhibit P-5, Cost Analysis: PB Amended 2015 Army		Date: June 2014
Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 47	P-1 Line Item Number / Title: E55400 / Demolition Munitions, All Types	Item Number / Title [DODIC]: E53200 / CHG DEMO SHAPED M3 40 LB

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Cost Elements	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
INSENSITIVE MUNITIONS TESTING	-	-	-	-	-	0.252	-	-	-	-	-	-	-	-	-	-	-	-
NON RECURRING EFFORT	-	-	-	-	-	0.831	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support Cost</i>	-	-	-	-	-	1.597	-	-	2.412	-	-	1.027	-	-	-	-	-	1.027
Gross/Weapon System Cost	359,050.00	60	21.543	1,587.58	3,220	5.112	2,550.99	2,020	5.153	2,678.70	831	2.226	-	-	-	2,678.70	831	2.226

* *** represents funding below \$1,000.00
 (†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB Amended 2015 Army								Date: June 2014				
Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 47			P-1 Line Item Number / Title: E55400 / Demolition Munitions, All Types					Item Number / Title [DODIC]: E53200 / CHG DEMO SHAPED M3 40 LB				
Cost Elements	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 Revision Available	RFP Issue Date
LOAD, ASSEMBLE, PACK (LAP) ^(†)		2013	DAY & ZIMMERMANN, INC. / PARSONS, KS	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2013	Jun 2014	3,220	764.09	Y		
LOAD, ASSEMBLE, PACK (LAP) ^(†)		2014	DAY & ZIMMERMANN, INC. / PARSONS, KS	C / FFP	ROCK ISLAND ARSENAL, IL	Mar 2014	Jun 2015	2,020	826.75	Y		
LOAD, ASSEMBLE, PACK (LAP) ^(†)		2015	TO BE SELECTED / TBS01	C / FFP	ROCK ISLAND ARSENAL, IL	May 2015	Nov 2016	831	883.33	Y		
COMP B TYPE I GRADE A		2013	BAE SYSTEMS ORDNANCE SYSTEMS / KINGSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL, IL	Apr 2013	Apr 2014	103,040	10.23	Y		
COMP B TYPE I GRADE A		2014	BAE SYSTEMS ORDNANCE SYSTEMS / KINGSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL, IL	Apr 2014	Apr 2015	62,712	17.07	Y		
COMP B TYPE I GRADE A		2015	BAE SYSTEMS ORDNANCE SYSTEMS / KINGSPORT, TN	SS / FFP	ROCK ISLAND ARSENAL, IL	Apr 2015	Apr 2016	26,592	17.48	Y		
*COMP A-3		2013	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE,	GFM	ROCK ISLAND ARSENAL, IL	Oct 2013	Oct 2013	483	2.37			
*COMP A-3		2014	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE,	GFM	ROCK ISLAND ARSENAL, IL	Oct 2013	Oct 2013	230	2.57			
*COMP A-3		2015	GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE,	GFM	ROCK ISLAND ARSENAL, IL	Oct 2013	Oct 2013	94	2.57			

(†) indicates the presence of a P-21

Remarks:

FY13 and FY14 procurements will be fixed price options to competitive contract that was awarded in FY10.

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Exhibit P-21, Production Schedule: PB Amended 2015 Army		Date: June 2014
Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 47		P-1 Line Item Number / Title: E55400 / Demolition Munitions, All Types
		Item Number / Title [DODIC]: E53200 / CHG DEMO SHAPED M3 40 LB

Cost Elements <i>(Units in Thousands)</i>						Fiscal Year 2013												Fiscal Year 2014													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT 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
LOAD, ASSEMBLE, PACK (LAP)																															
	1	2013	ARMY	3.220	-	3.220																									
	1	2013	NAVSEA (*)	.450	-	.450																									
	1	2013	Total	3.670	-	3.670																									
	1	2014	ARMY	2.020	-	2.020																									
	1	2014	AF (*)	.290	-	.290																									
	1	2014	Total	2.310	-	2.310																									
	2	2015	ARMY	.831	-	.831																									
	2	2015	AF (*)	.294	-	.294																									
	2	2015	Total	1.125	-	1.125																									
							O C T	N O V	D E C	J A N	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, Production Schedule: PB Amended 2015 Army															Date: June 2014														
Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 47										P-1 Line Item Number / Title: E55400 / Demolition Munitions, All Types										Item Number / Title [DODIC]: E53200 / CHG DEMO SHAPED M3 40 LB									

Cost Elements <i>(Units in Thousands)</i>						Fiscal Year 2017												Fiscal Year 2018													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	Calendar Year 2017												Calendar Year 2018												
							O C T	N O V	D E C	J A N	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
LOAD, ASSEMBLE, PACK (LAP)																															
	1	2013	ARMY	3.220	3.220	-																									
	1	2013	NAVSEA (‡)	.450	.450	-																									
	1	2013	Total	3.670	3.670	-																									
	1	2014	ARMY	2.020	2.020	-																									
	1	2014	AF (‡)	.290	.290	-																									
	1	2014	Total	2.310	2.310	-																									
	2	2015	ARMY	.831	-	.831	-	.831																							
	2	2015	AF (‡)	.294	-	.294	-	.294																							
	2	2015	Total	1.125	-	1.125	-	1.125																							
							O C T	N O V	D E C	J A N	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, Production Schedule: PB Amended 2015 Army		Date: June 2014
Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 47		P-1 Line Item Number / Title: E55400 / Demolition Munitions, All Types
		Item Number / Title [DODIC]: E53200 / CHG DEMO SHAPED M3 40 LB

MFR Ref #	MFR Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2015	1-8-5 For 2015	MAX For 2015	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	DAY & ZIMMERMANN, INC. - PARSONS, KS	.400	1.000	2.500	8	8	18	26	6	6	15	21
2	TO BE SELECTED - TBS01	.400	1.000	2.500	8	8	18	26	6	6	15	21

(‡) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.

The first non-gray cell in the Delivery Schedule indicates the Contract Award Date.

Note: 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 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).