

Exhibit P-40, Budget Item Justification Sheet	Date: February 2011
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Appropriation / Budget Activity / Serial No: Other Procurement, Army / 3 / Other support equipment	P-1 Item Nomenclature AMC CRITICAL ITEMS OPA3 (G01001)
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Program Elements for Code B Items:			Code:		Other Related Program Elements:							
	Prior Years	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Complete	Total Prog
Proc Qty												
Gross Cost	153.5	14.6	13.1	34.5		34.5	13.5	13.4	10.3	9.3		262.3
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc P1	153.5	14.6	13.1	34.5		34.5	13.5	13.4	10.3	9.3		262.3
Initial Spares												
Total Proc Cost	153.5	14.6	13.1	34.5		34.5	13.5	13.4	10.3	9.3		262.3
Flyaway U/C												
Weapon System Proc U/C												

Description:
The Army Materiel Command (AMC) identifies Table of Organizational Equipment (TOE) items with identifiable line item numbers (LINs) that have valid unit requirements and support Army force generation requirements. These LINs are in the sustainment phase of their life cycle and are no longer being acquired by the Army. In some cases there is a production base because of commercial, FMS or other service demands. The Army prioritizes these items and determines that the systems requested herein are key to supporting current operations and transformation of the Army in support of the Army Campaign Plan.

Electronic Shop Vans (ESV) includes the AN/ASM-146 Repair Shelter and its supporting AN/ASM-147 Storage Shelter. ESVs are critical to the warfighter. They provide the primary electronic maintenance and supply facilities for the entire Army Electronics Maintenance mission. The AN/ASM-146 is an air or vehicular transportable, field maintenance shelter that provides mobile repair facilities for Unit and Direct Support bench testing, troubleshooting, maintenance and repair of electronic equipment and their components. The AN/ASM-147 is an air or vehicular transportable field maintenance storage shelter used at Army Division and Battalion level as a mobile storage facility for Unit and Direct Support electronic maintenance in support of the AN/ASM-146.

The ISO shelter (LIN: S01359) is a rigid-wall shelter 2-sided expansion. Power requirements are 60 amps/100 amps. The ISO provides a mobile, environmentally-controlled working/living space. Used by the Chemical, Biological, Radiological, Nuclear and High Yield Explosive (CBRNE) Consequence Management Reaction Force (CCMRF). Provides medical facilities; i.e. Operating rooms, Dentist Office, Pharmacy. Also used for Command Centers, Classroom, and operator's system control station.

The M37 Mid-Sized Riot Control Agent Dispenser (LIN: D20400) provides an effective method for crowd control by dispersing non-lethal riot control agent.

The Surface swimmer Support Set (LIN: D49494) is comprised of multiple components that support Special Operations infiltration/ exfiltration missions. Items include Fins, Mask, Compass Board, Waterproof Bags, Life Jacket, Knife, Dry suit, ETC.

The M152 Remote Activation Munitions System (M152 RAMS) (LIN: F91210) provides the soldier with means to remotely control the detonation of demolition charges. The RAMS can be used in all geographical areas, weather conditions, and hostile battlefield conditions that include countermeasures, smoke, dust, nuclear, biological and chemical attack, indirect artillery fire, and small arms fire.

Smoke Grenade Launchers are use as a self-protection or self-defense tool that is designed to be externally mounted to the outside of the vehicle, controlled and fired from within the vehicle cockpit. It is a defense weapon that launches the grenade with more precision, advanced speed with better and farther distances than a soldier could throw by hand. LIN: L44031 is attached to various

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<p>vehicles such as the Bradley, Stryker, HMMWV and Fox. LIN: L44612 is attached to various vehicles such as the Abrams and M88.</p> <p>The Service Kit Operating (SKO) (LIN: S78722) provides the necessary components to assist and protect personnel who install, operate, and maintain power plants up to 3,000,000 watt capacity, the electrical primary, secondary distribution systems for base camps, service power lines up to 13.8 KV, check electrical potential, phase, and test dielectrically rubber gloves and hot sticks.</p> <p>Shop Equipment, Auto Sustainment (LIN: T25756) Non shelter mounted shop set provide the necessary components for field maintenance mechanics to perform maintenance and repair (including heavy equipment) in an automotive maintenance and repair shop.</p> <p>Instrument & Fire Control, Field Maint, Less Power (LIN: T31784) (NSN 4931-00-754-0740) provides necessary components for instrument & fire control system field maintenance/repair. Intended for use by personnel at depot, direct, and general support maintenance levels. Specifically organized to support the mechanic, and supplies tools required for all levels of maintenance and repair in a military environment. Consists of tool box, wrenches, sockets, adapters, calipers, saws, files, gauges, etc.</p> <p>Instrument & Fire Control Tool Set (LIN: T31784) provides eight initial issue cabinets for the storage and security of authorized repair parts.</p> <p>Spare Part Storage Cabinet Set (LIN: T36305) and Electronic Systems Maintenance Tool Kit (LIN: T38254) toolsets provide the components to accomplish direct and general support for maintenance functions on combat vehicles fire control systems.</p> <p>The Surveying Set General Purpose (LIN: U70179) set is used by soldiers to conduct surveys essential to road, airfield, building and utility construction. A survey team collects point data using the automated integrated survey instrument, downloads data for manipulation by Terramodel software, and provides products for planning, designing and estimating.</p> <p>Tool Kit, Engineer Rigging & Wire Rope Repair (LIN: W50266) tool kit containing components required for engineer rigging activities as well as repair components needed to wire rope repairs.</p> <p>Shop Equipment, Small Arms (LIN: W51499) set provides the necessary components for small arms field maintenance. Includes torque multiplier, impact wrench set, storage cabinet, hydraulic hand jack, a variety of hand and power tools, cabinets, worktables, stools, etc.</p> <p>Justification: FY12 Base procurement funding in the amount of \$20,543 million will support 121 each AN/ASM-146 shelters. Funding supports a balanced investment strategy for the Army's approved force structure and Army Force Generation (ARFORGEN) requirements. Base procurement dollars support increased authorizations resulting from transformation and additional Brigade Combat Teams (BCTs). The increased authorizations and additional BCTs have left this critical Equipment Readiness Code A (ERC-A) system with substantial shortages, which have resulted in 54% (21) of BCTs deploying without full authorizations. Shortages of these systems will degrade the readiness of Command, Control, Communications, Computers and Sensors Systems, thereby placing warfighter lives in jeopardy. ERC-A systems are primary weapon systems which are essential and employed directly in accomplishing the operational mission.</p> <p>Also FY12 Base procurement funding in the amount of \$13,957 million will support 1,937 each the following TACOM-LCMC mission:</p> <p>The current ISO, 2-sided Expandable Shelters on hand is 64%, it is expected to increase slightly for 2012-2017 to 69%. There Operational Need Statement (ONS) requirement for 4 each, the ARFORGEN Available Pool is 31 each, the Ready Pool is short 72 each, the Reset Pool is short 43 each and the Train Pool is short 13 each for a total ARFORGEN shortage of 159 2-sided Expandable Shelters. This is also a critical dual use item and a quantity of 7each is required for the 1225.6 payback. The shelter is used by the Chemical, Biological, Radiological, Nuclear and High Yield Explosive (CBRNE) Consequence Management reaction force (CCMRF) for first response to national emergencies and medical units for operating rooms and other medical. Shelters key requirement for first responders.</p> <p>Extreme shortage of the M37 Mid-Sized Riot Control which supports expeditionary and modularity requirements for the Army. (The M37 replaces the M33, which is no longer logistically</p>		

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<p>supportable. The M33 is short 2026 each leaving the M37 to fill the requirements, in addition to the already established M37 requirements). A quantity of 124 each M37 have been issued for 9 ONS requests; the ARFORGEN Available Pool is short 83 each, the Reset Pool is short 298 each and the Train Pool is short 276 each for a total ARFORGEN shortage of 657 each M37 Riot Control Dispensers. Without the M37 Mid-sized Riot Control, the military's ability to perform riot control missions safely and effectively will be negatively impacted.</p> <p>Extreme shortage of the Surface Swimmer Support Set which supports infiltration and exfiltration for Special Operations Combat Divers. The required authorizations tripled over a short period of time to support future capabilities and requirements for the Army. The current Equipment on Hand is 76%, it is expected to increase slightly for 2012-2017 to 77%. The ARFORGEN Available Pool is short 127 each, the Ready Pool is short 4 each, the Reset Pool is short 72 each for a total ARFORGEN shortage of 203 Surface Swimmer Support Sets. Without the Surface Swimmer Support Set, the military's ability to perform high priority combat missions safely and effectively will be negatively impacted.</p> <p>The current Firing Device, Demolition on hand is 67%, it is expected to decrease for FY12-17 to 60%. The ARFORGEN Available Pool is short 349 each, the Ready Pool is short 110 each, the Reset Pool is short 191 each for a total ARFORGEN shortage of 650 each M152 RAMS. Current M152 on hand does not meet USASF requirement of adding a 4th Bn per SFG in FY10-12. Without the M152 RAMS, the military's ability to perform missions safely and effectively will be negatively impacted. Shortages of this system in special forces units driven by the Army Modernization Plan will be catastrophic to C4ISR readiness.</p> <p>A quantity of 174 each M257 Smoke Grenade Launchers have been issued for 3 ONS requests; the ARFORGEN Train Pool is short 1138 each M257 Smoke Grenade Launchers but other pools are over 1512. Additionally, the current Equipment on Hand (EOH) fill is well below 100% at 75%. Additionally, a quantity of 92 each M257s are required for the 1225.6 payback. With the on-going production of new vehicles and a current wash-out rate of approximately 25%, funding is required to produce new SGLs in support of these increased demands and continue to provide a warm industrial base for a system that has no replacement scheduled in the near future. New assets have not been procured in over 15 years. Acquisition strategy is in process and some OPA3 funding was provided in FY09, but not enough to meet the continuing needs of various vehicle programs. The SGLs are attached to various vehicles such as the Bradley, Stryker, HMMWV, Fox, Abrams and M88. The SGLs are a critical component of these vehicles by providing a smoke screen concealment while in hostile environments.</p> <p>Due to increasing requirements the current Service Kit Power Plant Maintenance: Operating and Maintenance Team percentage is 57% and is expected to drop to 43% by FY2017. Additionally, the ARFORGEN Ready Pool is short 2 each and the Reset Pool is short 12 each for a total ARFORGEN shortage of 14 each SKOs. This set is utilized by Air Defense and Engineer Units (ENGR Prime Power BN) and is key for power plant operation and maintenance especially in remote areas and support of base camps. The current Shop Equipment, Auto Sustainment on hand for 2012-2017 to 54%. The ARFORGEN Ready Pool is short 32 each and the Reset Pool is short 3 each for a total ARFORGEN shortage of 35 Auto Sustainment Shop Sets. The maintenance equipment is essential for units to properly maintain equipment and perform the mandatory maintenance operations which maintain the readiness of weapons systems. This equipment allows soldiers to properly and adequately maintain vehicles and systems that support soldier safety, supportability, and mobility requirements. If this set is not funded, soldiers will not be able to perform the necessary work to maintain the vehicles and systems needed to support soldier safety, supportability, and mobility requirements.</p> <p>The current Equipment on Hand is 43%, it is expected to increase slightly for 2012-2017 to 68%. The ARFORGEN Ready Pool is short 55 each (2ACR-1; 3/4 BCT-1, EAD-52), the Reset Pool is short 4 each and the Train Pool is short 2 each for a total ARFORGEN shortage of 60 Instrument and Fire Control Tool Sets. The fund line for this system has been severely underfunded for the last several years. There is an existing contract, which expires in Aug 2011.</p> <p>The fund line for Spare Part Storage Cabinet Set has been severely underfunded for the last several years. A quantity of 41 each are required to fill ONS requests, the ARFORGEN Available Pool is short 378 each, the Ready Pool is short 663 each, the Reset Pool is short 477 each and the Train Pool is short 55 each for a total ARFORGEN shortage of 1573 Spare Parts Storage Cabinet Sets. Additionally, 61 each Spare Parts Storage Cabinet Sets are required for the 1225.6 payback. Units will be unable to properly transport, store, account for, and quickly issue repair parts reducing unit mobility and increasing repair cycle time. Units impacted include: 1AD, 3&4 BCT, 10MD, 172 BCTs, 101AA 4BCT & CAB, 11D 3BCT & CAB</p> <p>The fund line for Electronic Systems Maintenance Tool Kit system has been severely underfunded for the last five years. Shortages of this LIN will result in units deploying without their full authorization. A quantity of 3 each are required to fill ONS requests, the ARFORGEN Available Pool is short 11 each, the Ready Pool is short 101 each, the Reset Pool is short 88 each and the Train Pool is short 8 each for a total ARFORGEN shortage of 206 Electronic Systems Maintenance tool kits.</p>		

Exhibit P-5, Weapon OPA3 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 3 / Other support equipment		P-1 Line Item Nomenclature: AMC CRITICAL ITEMS OPA3 (G01001)			Weapon System Type:			Date: February 2011		

OPA3 Cost Elements	ID CD	FY 10			FY 11			FY 12 Base			FY 12 OCO			FY 12 Total		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Electronic Shop Vans (AMCOM)		14633	75	195.1	13104	83	157.9	20543	121	169.8				20543	121	169.8
Serv Kit Power Plant Maint (TACOM)								460	2	230.0				460	2	230.0
M257 Smoke Grenades Launchers (TACOM)								703	419	1.7				703	419	1.7
M239 Smoke Grenades Launchers (TACOM)								40	10	4.0				40	10	4.0
ISO, 2-sided Expandable Shelter(TACOM)								6697	30	223.2				6697	30	223.2
Surface Swimmer Support Set (TACOM)								120	40	3.0				120	40	3.0
Spare Part Storage Cabinet Set (TACOM)								214	23	9.3				214	23	9.3
Electronic Systems Maint Tool Ki (TACOM)								39	11	3.5				39	11	3.5
Tool Kit, Eng Rig & Wire Rope Rpr(TACOM)								525	675	0.8				525	675	0.8
Surveying Set General Purpose (TACOM)								621	63	9.9				621	63	9.9
Shop Equipment, Auto Sustainment (TACOM)								329	7	47.0				329	7	47.0
Shop Equipment, Small Arms (TACOM)								2547	89	28.6				2547	89	28.6
Firing Device, Demolition M152 (TACOM)								1523	106	14.4				1523	106	14.4
Disperser, Riot Control (TACOM)								139	462	0.3				139	462	0.3
Total:		14633		195.1	13104		157.9	34500		16.8				34500		12.1

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2011

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 3/ Other support equipment		Weapon System Type:	P-1 Line Item Nomenclature: AMC CRITICAL ITEMS OPA3 (G01001)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Electronic Shop Vans (AMCOM)										
FY 2010	Tobyhanna Army Depot Tobyhanna, PA	MIPR	CE-LCMC	Dec 09	Jun 10	75	195.1			
FY 2011	Tobyhanna Army Depot Tobyhanna, PA	MIPR	CE-LCMC	Dec 10	Jun 11	83	157.9			
FY 2012	Tobyhanna Army Depot Tobyhanna, PA	MIPR	CE-LCMC	Dec 11	Jun 12	121	169.8			
Serv Kit Power Plant Maint (TACOM)										
FY 2012	Tobyhanna Army Depot Tobyhanna, PA	MIPR	CE-LCMC	Dec 11	Jun 12	2	230.0			
M257 Smoke Grenades Launchers (TACOM)										
FY 2012	Tobyhanna Army Depot Tobyhanna, PA	MIPR	CE-LCMC	Dec 11	Jun 12	419	1.7			
M239 Smoke Grenades Launchers (TACOM)										
FY 2012	Tobyhanna Army Depot Tobyhanna, PA	MIPR	CE-LCMC	Dec 11	Jun 12	10	4.0			
ISO, 2-sided Expandable Shelter(TACOM)										
FY 2012	Tobyhanna Army Depot Tobyhanna, PA	MIPR	CE-LCMC	Dec 11	Jun 12	30	223.2			
Surface Swimmer Support Set (TACOM)										
FY 2012	Tobyhanna Army Depot Tobyhanna, PA	MIPR	CE-LCMC	Nov 11	Mar 12	40	3.0			
Spare Part Storage Cabinet Set (TACOM)										
FY 2012	Tobyhanna Army Depot Tobyhanna, PA	MIPR	CE-LCMC	Jan 12	Feb 12	23	9.3			
Electronic Systems Maint Tool Ki (TACOM)										
FY 2012	Tobyhanna Army Depot Tobyhanna, PA	MIPR	CE-LCMC	Dec 11	Jan 12	11	3.5			
Tool Kit, Eng Rig & Wire Rope Rpr(TACOM)										
FY 2012	Tobyhanna Army Depot Tobyhanna, PA	MIPR	CE-LCMC	Feb 12	Mar 12	675	0.8			
Surveying Set General Purpose (TACOM)										
FY 2012	Tobyhanna Army Depot Tobyhanna, PA	MIPR	CE-LCMC	Feb 12	Apr 12	63	9.9			
Shop Equipment, Auto Sustainment (TACOM)										
FY 2012	Tobyhanna Army Depot Tobyhanna, PA	MIPR	CE-LCMC	Mar 12	Apr 12	7	47.0			

Exhibit P-5a, Budget Procurement History and Planning	Date: February 2011
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WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Shop Equipment, Small Arms (TACOM) FY 2012	Tobyhanna Army Depot Tobyhanna, PA	MIPR	CE-LCMC	Mar 12	May 12	89	28.6			
Firing Device, Demolition M152 (TACOM) FY 2012	Tobyhanna Army Depot Tobyhanna, PA	MIPR	CE-LCMC	Apr 12	Jun 12	106	14.4			
Disperser, Riot Control (TACOM) FY 2012	Tobyhanna Army Depot Tobyhanna, PA	MIPR	CE-LCMC	Jun 12	Jul 12	462	0.3			

REMARKS: