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Exhibit P-40, Budget Line Item Justification: PB 2016 Army **Date:** February 2015

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90: Other Support Equipment	P-1 Line Item Number / Title: G01001 / AMC Critical Items OPA3
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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 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	29.616	-	12.975	-	-	-	-	-	-	-	-	42.591
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	29.616	-	12.975	-	-	-	-	-	-	-	-	42.591
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	29.616	-	12.975	-	-	-	-	-	-	-	-	42.591
<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 Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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 include: The Shop Equipment, Small Arms Set (LIN: W51499) 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. The Spare Part Storage Cabinet Set (LIN: T36305) toolset provides the components to accomplish direct and general support for maintenance functions on combat vehicle fire control systems. The Tool Kit, Engineer Rigging & Wire Rope Repair Tool kit (LIN: W50266) contains components required for engineer rigging activities as well as repair components needed in wire rope repairs. The ISO Shelter (LIN: S01359) is a rigid-wall shelter two-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) and provides medical facilities; i.e. operating rooms, Dentist Office, Pharmacy. ISO shelter is also used for Command Centers, Classroom, and operator's system control station. The ISO, Non-expandable Shelter (LIN: S00860) is a rigid-wall non-expandable shelter. Power requirements are 60 amps/100 amps. The ISO provides a mobile, environmentally-controlled working/living space and supports Military Intelligence Combat Electronic Warfare Intelligence (CEWI) units. The Individual Swimmer Support Set (LIN: D49154) is comprised of multiple components that support Special Operations infiltration/exfiltration missions. The 40K Water Storage and Distribution System (LIN: W55968) consists of 1 each 350 Gallons Per Minute (GPM) Pumps; 1 each 400 GPM Hypo-chlorination Units; 3 each 20K Water Storage Tanks; 2 EA Chests Tank Storage and 2 EA Equipment Shelters. This system supports Divisions, Brigades, and Hospital Units. The Tank and Pump Unit (TPU) (LIN: V12141) is used by units to provide fuel to their vehicles and equipment. This system includes two 525 gallon (Lo-Profile) tanks, two hose reels, one electric motor driven (EMD), and 50 GPM pumping assembly. It is mounted on a 5 ton truck or Family of Medium Tactical Vehicles. The Lo-Profile 525 gallon tank has recessed top loading, lateral and longitudinal baffling and a dry break bottom loading capability. It meets all environmental and human safety concerns. The Tank Unit Liquid Dispensing (TULD) (LIN: V19950) consists of two 525 gallon tanks (Lo-Profile) and two 600 gallon tanks (Hi-Profile), tie down kit, storage boxes and ancillary equipment. It is mounted on a M106A1 trailer (not included). The TULD is used by units to provide fuel to their vehicles and equipment. The Demolition Set (LIN: F91490) provides the capability to create and remove obstructions, obstacles, and terrain features that will affect friendly and enemy movement. The set contains expendable and non-expendable, non-explosive materials necessary to support electrical and non-electrical initiated standard military explosives as well as Modernized Demolition Initiator (MDI) items. Also includes items that will allow users to assemble and transport initiation systems and charges during field operations, items that will evaluate minimum safe distance requirements, and equipment to computerize charge calculation and placement.

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Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90: Other Support Equipment	P-1 Line Item Number / Title: G01001 / AMC Critical Items OPA3
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ID Code (A=Service Ready, B=Not Service Ready) :		Program Elements for Code B Items:				Other Related Program Elements:				
Secondary Distribution		FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	6.465	-	-	-	-	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	4.542	-	-	-	-	-	-	-
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	1.968	-	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	12.975	-	-	-	-	-	-	-

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Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 03: Other Support Equipment / BSA 90: Other Support Equipment	P-1 Line Item Number / Title: G01001 / AMC Critical Items OPA3
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ID Code (A=Service Ready, B=Not Service Ready) :			Program Elements for Code B Items:			Other Related Program Elements:		
Exhibits Schedule			Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title*	Exhibits	ID CD	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
G01001 / AMC Critical Items OPA3	P-5, P-5a		- / 29.616	- / -	- / 12.975	- / -	- / -	- / -
Total Gross/Weapon System Cost			- / 29.616	- / -	- / 12.975	- / -	- / -	- / -

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.
 Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

Justification:
 The FY15 Base Procurement funding of \$12.975 million will support each of the following TACOM Life Cycle Management Command (LCMC) Missions:

Surface Swimmer Support Sets: There is an 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 36%. The system encompasses 12 different legacy systems for Engineers, Special Forces, and new intelligence gathering units.

Rigid Wall Shelters: Shelters are necessary for providing field workstations and communications equipment to deployed units. Currently units are deploying without full authorization, negatively impacting unit readiness and mission. The Non-Expandable Shelter (LIN: S00860) is currently at 17% EOH and the ISO Shelter (LIN: S01359) is 78% EOH.

Shop and Tool Sets: Procurements of shop sets and tool sets will allow the Army to support unit missions both CONUS and OCONUS. Currently, units are deploying without their full authorizations which negatively impacts sustainment and Army equipment. The Shop Equipment, Small Arms Set (LIN: W51499) currently has 66% EOH, the Spare Part Storage Cabinet Set (LIN: T36305) is 95% EOH, and the Tool Kit, Engineer Rigging & Wire Rope Repair Tool kit (LIN: W50266) is 75% EOH.

Tank and Pump Units: It is imperative that the Army maintains an adequate stock position to meet demands and increased sustainment requirements. Without this equipment, aviation and ground refueling missions will be severely compromised.

Water Storage and Distribution Systems: Limited funding will impact readiness of Quartermaster water companies.

Demolition Set: If this requirement is not funded, the tool set will fall short of its AAO by 6144. Failure to provide units this capability will negatively impact the sustainment and readiness of Army equipment. The majority of the shortages are in COMPO 1 active army units and overall shortages are 674 (EOH 90%). This demo set is used in the initiation and set up of explosive breaching and demolition operations.

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Exhibit P-5, Cost Analysis: PB 2016 Army		Date: February 2015
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90		P-1 Line Item Number / Title: G01001 / AMC Critical Items OPA3
		Item Number / Title [DODIC]: G01001 / AMC Critical Items OPA3

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	29.616	-	12.975	-	-	-
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	29.616	-	12.975	-	-	-
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	29.616	-	12.975	-	-	-

(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 Thousands)	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.

Cost Elements	Prior Years			FY 2014			FY 2015			FY 2016 Base			FY 2016 OCO			FY 2016 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																		
Recurring Cost																		
F91490: Demolition Equipment Set (TACOM)	1.050	525	0.551	-	-	-	1.934	76	0.147	-	-	-	-	-	-	-	-	-
S00860: ISO, Nonexp Shelter (TACOM) ^(†)	-	-	-	-	-	-	139.000	2	0.278	-	-	-	-	-	-	-	-	-
T36305: Spare Part Storage Cabint (TACOM)	5.077	575	2.919	-	-	-	7.629	272	2.075	-	-	-	-	-	-	-	-	-
V12141: Tank and Pump Unit (TACOM) ^(†)	-	-	-	-	-	-	11.685	260	3.038	-	-	-	-	-	-	-	-	-
V19950: Tank Unit Liquid Dispensing ^(†)	-	-	-	-	-	-	17.057	280	4.776	-	-	-	-	-	-	-	-	-
W51499: Shop Equipment, Small Arm(TACOM) ^(†)	27.311	132	3.605	-	-	-	24.929	70	1.745	-	-	-	-	-	-	-	-	-
W55968: Water Storage/Distribution 4000 ^(†)	304.595	74	22.540	-	-	-	305.333	3	0.916	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	29.616	-	-	-	-	-	12.975	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>	-	-	29.616	-	-	-	-	-	12.975	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	-	-	29.616	-	-	-	-	-	12.975	-	-	-	-	-	-	-	-	-

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Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: G01001 / AMC Critical Items OPA3	Item Number / Title [DODIC]: G01001 / AMC Critical Items OPA3
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ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Secondary Distribution		FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	-	6.465	-	-	-
ANG	Quantity	-	-	-	-	-
	Total Obligation Authority	-	4.542	-	-	-
AR	Quantity	-	-	-	-	-
	Total Obligation Authority	-	1.968	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	-	12.975	-	-	-

(t) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2016 Army **Date:** February 2015

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 03 / 90	P-1 Line Item Number / Title: G01001 / AMC Critical Items OPA3	Item Number / Title [DODIC]: G01001 / AMC Critical Items OPA3
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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>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
S00860: ISO, Nonexp Shelter (TACOM)		2015	TBS (to be selected) / TBS	C / TBD	TACOM LCMC	Feb 2015	Sep 2015	2	139.000			
V12141: Tank and Pump Unit (TACOM)		2015	TBS (to be selected) / TBS	TBD	TACOM LCMC	Feb 2015	Aug 2015	260	11.685			
V19950: Tank Unit Liquid Dispensing		2015	TBS (to be selected) / TBS	TBD	TACOM LCMC	Feb 2015	Aug 2015	280	17.057			
W51499: Shop Equipment, Small Arm(TACOM)		2015	TBS (to be selected) / TBS	TBD	TACOM LCMC	Feb 2015	Aug 2015	70	24.929			
W55968: Water Storage/Distribution 4000		2015	Sierra Army Depot / Herlong, CA	MIPR	TACOM LCMC	Feb 2015	Aug 2015	3	305.333			

Remarks:
These are COTS items