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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 02: Communications and Electronics Equipment / BSA 32: Comm - Combat Communications	P-1 Line Item Number / Title: B19920 / AMC Critical Items - OPA2
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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)	100.254	-	22.099	26.020	-	26.020	21.253	5.095	-	-	-	174.721
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	100.254	-	22.099	26.020	-	26.020	21.253	5.095	-	-	-	174.721
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	100.254	-	22.099	26.020	-	26.020	21.253	5.095	-	-	-	174.721

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	5.187	-	5.187	-	-	-	-	-	-

Description:

The AMC Critical Items Program oversees the process by which Class II and VII end items that are out of production and, consequently, now under AMC management, are re-procured to fill shortages. The program supports major end-item (weapon system) inventory management through item managers. The program requirements represent actual and projected equipment deficiencies and do not include obsolete items or items replaced by modernized successors managed by G8.

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, Foreign Military Sales (FMS) or other service demands. The Army prioritizes these items and determines that the systems requested herein are key to supporting current operations.

LIN H01907: The AN/ASM-146 Repair Shelter is an air transportable, mobile field maintenance facility that provides repair capability at the BCT level for all Communications-Electronics (C-E) systems and equipment and is critical to maintaining C-E readiness in the battlefield.

LIN P40750: Power Supply PP-6224, LIN P40750 is a power supply that furnishes 0-25 amperes over a voltage range of 24 to 32 Vdc from nominal 115/230 VAC at 50, 60 or 400 Hz single phase. The power supply can also operate from a 24 Vdc storage battery in the battery standby mode. It is the Army standard tactical 24V DC power source for C-E equipment in Tactical Operations Centers (TOCs) as well as equipment dismounted from vehicles.

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	-	6.046	6.284	-	6.284	-	2.385	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-

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Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 02: Communications and Electronics Equipment / BSA 32: Comm - Combat Communications	P-1 Line Item Number / Title: B19920 / AMC Critical Items - OPA2
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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
Total Obligation Authority	-	12.446	13.867	-	13.867	16.125	2.200	-	-
AR									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	-	3.607	5.869	-	5.869	5.128	0.510	-	-
Total:									
Secondary Distribution									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	-	22.099	26.020	-	26.020	21.253	5.095	-	-

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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)
B19920 / AMC Critical Items - OPA2	P-5, P-5a, P-21		- / 100.254	- / -	- / 22.099	- / 26.020	- / -	- / 26.020
Total Gross/Weapon System Cost			- / 100.254	- / -	- / 22.099	- / 26.020	- / -	- / 26.020

*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:
 FY 2016 Base procurement dollars in the amount of \$26.020 Million supports the following efforts.

Electronic Shop Shelter H01907: FY 2016 Base procurement funding in the amount of \$8.391 million will support the program management through acquisition of 50 ea each AN/ASM-146 LIN H01907 systems to include program management and organic support. Funding supports a balanced investment strategy for the Army's approved force structure and Army Force Generation (ARFORGEN) requirements. This critical system has substantial shortages, which have resulted in 20% 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 in accomplishing the operation mission.

Power Supply P40750: FY 2016 Base procurement funding in the amount of \$17.629 million is required for the acquisition of 4,962 each Power Supply, PP-6224 LIN P40750. Funding supports both acquisition and program management to include engineering support for new production contract effort. A substantial shortage of this item is degrading readiness of systems requiring 24V DC power. Due to Modified Table of Equipment (MTOE) shortages of 58%, this equipment is ranked as #2 on DA's Readiness list. The inability to provide sufficient quantities of this item will degrade DOD readiness by hindering battlefield communications.

Economy of scale procurement and evolving critical requirements could affect quantity planned.

IAW Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), these items are necessary for use by the active components and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

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Exhibit P-5, Cost Analysis: PB 2016 Army					Date: February 2015			
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 02 / 32			P-1 Line Item Number / Title: B19920 / AMC Critical Items - OPA2			Item Number / Title [DODIC]: B19920 / AMC Critical Items - OPA2		
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:			
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)			100.254	-	22.099	26.020	-	26.020
Less PY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)			100.254	-	22.099	26.020	-	26.020
Plus CY Advance Procurement (\$ in Millions)			-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)			100.254	-	22.099	26.020	-	26.020
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>								
Initial Spares (\$ in Millions)			-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)			-	-	-	5.187	-	5.187

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																		
Elect Shop Shelter (AN-ASM 146) (H01907) ^(†)	655.255	153	100.254	-	-	-	0.108	111	0.012	167.820	50	8.391	-	-	-	167.820	50	8.391
Power Supply (PP-6224/U) (P40750) ^(†)	-	-	-	-	-	-	7.525	2,935	22.087	3.553	4,962	17.629	-	-	-	3.553	4,962	17.629
<i>Subtotal: Recurring Cost</i>	-	-	100.254	-	-	-	-	-	22.098	-	-	26.021	-	-	-	-	-	26.021
<i>Subtotal: Flyaway Cost</i>	-	-	100.254	-	-	-	-	-	22.098	-	-	26.021	-	-	-	-	-	26.021
Gross/Weapon System Cost	-	-	100.254	-	-	-	-	-	22.099	5.187	-	26.020	-	-	-	5.187	-	26.020

Secondary Distribution		FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	-	6.046	6.284	-	6.284
ANG	Quantity	-	-	-	-	-
	Total Obligation Authority	-	12.446	13.867	-	13.867
AR	Quantity	-	-	-	-	-
	Total Obligation Authority	-	3.607	5.869	-	5.869
Total:	Quantity	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2016 Army			Date: February 2015			
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 02 / 32		P-1 Line Item Number / Title: B19920 / AMC Critical Items - OPA2		Item Number / Title [DODIC]: B19920 / AMC Critical Items - OPA2		
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
Secondary Distribution	Total Obligation Authority	-	22.099	26.020	-	26.020

(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 / 02 / 32	P-1 Line Item Number / Title: B19920 / AMC Critical Items - OPA2	Item Number / Title [DODIC]: B19920 / AMC Critical Items - OPA2
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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
Elect Shop Shelter (AN-ASM 146) (H01907) ^(†)		2013	Tobyhanna / Tobyhanna, PA	PO	TYAD	Apr 2013	Sep 2013	153	0.166			
Elect Shop Shelter (AN-ASM 146) (H01907) ^(†)		2015	TBS / TBS	PO	TBS	Feb 2015	Jun 2015	111	0.108			
Elect Shop Shelter (AN-ASM 146) (H01907) ^(†)		2016	TBS / TBS	PO	TBS	Jan 2016	May 2016	50	167.820			
Power Supply (PP-6224/U) (P40750) ^(†)		2015	TBS / TBS	C / IDIQ	TBD	Jun 2015	Jul 2016	2,935	7.525			
Power Supply (PP-6224/U) (P40750) ^(†)		2016	TBS / TBS	C / IDIQ	TBD	Jun 2016	Nov 2016	4,962	3.553			

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: PB 2016 Army **Date:** February 2015

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 02 / 32	P-1 Line Item Number / Title: B19920 / AMC Critical Items - OPA2	Item Number / Title [DODIC]: B19920 / AMC Critical Items - OPA2
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2013												Fiscal Year 2014													
O C C #	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
Elect Shop Shelter (AN-ASM 146) (H01907)																															
	2	2013	ARMY	153	-	153																									
	1	2015	ARMY	111	-	111																									
	1	2016	ARMY	50	-	50																									
Power Supply (PP-6224/U) (P40750)																															
	3	2015	ARMY	2,935	-	2,935																									
	3	2016	ARMY	4,962	-	4,962																									
							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 2016 Army **Date:** February 2015

Appropriation / Budget Activity / Budget Sub Activity: 2035A / 02 / 32	P-1 Line Item Number / Title: B19920 / AMC Critical Items - OPA2	Item Number / Title [DODIC]: B19920 / AMC Critical Items - OPA2
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Cost Elements <i>(Units in Each)</i>					Fiscal Year 2017													Fiscal Year 2018														
O C C #	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	
Elect Shop Shelter (AN-ASM 146) (H01907)																																
	2	2013	ARMY	153	153	-																										
	1	2015	ARMY	111	111	-																										
	1	2016	ARMY	50	50	-																										
Power Supply (PP-6224/U) (P40750)																																
	3	2015	ARMY	2,935	450	2,485	400	400	400	400	400	400	85																			
	3	2016	ARMY	4,962	-	4,962	-	200	200	200	200	200	515	600	600	600	600	600	447													
							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 2016 Army	Date: February 2015
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Appropriation / Budget Activity / Budget Sub Activity: 2035A / 02 / 32	P-1 Line Item Number / Title: B19920 / AMC Critical Items - OPA2	Item Number / Title [DODIC]: B19920 / AMC Critical Items - OPA2
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MFR Ref #	MFR Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR For 2016	1-8-5 For 2016	MAX For 2016	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	TBS - TBS	1	15	25	-	1	3	4	-	-	-	-
2	Tobyhanna - Tobyhanna, PA	1	15	25	-	10	1	11	-	-	-	-
3	TBS - TBS	10	500	750	-	5	5	10	-	-	-	-

"A" 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).