Exhibit P-40, Budget Line Item Justification: PB 2017 Army	**Date:** February 2016

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 02: Communications and Electronics Equipment / BSA 64: Information Security	**P-1 Line Item Number / Title:** TA0600 / Information System Security Program-ISSP

ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0303140A

Line Item MDAP/MAIS Code: N/A	**Item MDAP/MAIS Code(s):** N/A

Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity *(Units in Each)*	1,400	-	-	-	-	-	-	-	-	-	-	1,400
Gross/Weapon System Cost *($ in Millions)*	1,566.797	-	19.920	-	-	-	-	-	-	-	-	1,586.717
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	1,566.797	-	19.920	-	-	-	-	-	-	-	-	1,586.717
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,566.797**	**-**	**19.920**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1,586.717**
(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)*	1,119.141	-	-	-	-	-	-	-	-	-	-	1,133.369

Description:

The Cryptographic Systems (CS) Program procures and fields Communications Security (COMSEC) solutions to secure the Army's tactical and enterprise classified networks. New and emerging architectures, cease key dates, emerging threats, and DoD/Army policy are driving the need to replace current inventory of stove pipe systems with technologically advanced (network centric/Global Information Grid (GIG) compliant) devices that incorporate Chairman of the Joint Chiefs of Staff and Joint Requirements Oversight Council directed cryptographic standardization, advanced key management and network centric performance capabilities. This program enables DoD to equip the force with critical cryptographic solutions and services during peacetime, wartime, and contingency operations. The program consists of three product families: In-Line Network Encryptors (INE), Link/Trunk Encryptors Family (LEF), and Secure Voice. (PD Net E)

The Army-wide Cryptographic Network Standardization (ACNS) effort brings cryptographic equipment into compliance with NSA mandated use of modern cryptographic algorithms and keys as well as the Army's upgraded data network including use of Internet Protocol version 6 (IPv6), as mandated by the Army Chief Information Officer (CIO)/G6. ACNS provides the Army fully modernized equipment and provides assistance in the areas of system identification, training, integration, network optimization, and property book updates to gaining Units. ACNS is an essential project as many currently fielded legacy devices will fall out of compliance starting in FY 2015 due to NSA driven cease key dates. Failure to comply will result in vulnerabilities to classified data transmissions, or an inability to communicate at classified levels. (PD Net E)

The Defensive Cyberspace Operations (DCO) program provides initial capabilities to Cyber Protection Teams. Teams enable passive and active cyberspace defensive operations to preserve friendly cyberspace capabilities, and protect data, networks, net-centric capabilities, and other designated systems. DCO consists of four critical capabilities:

DCO-Infrastructure (DCO-I): the hardware and software baseline for remote cyber maneuver based on Defense Advanced Research Projects Agency (DARPA) Plan X
Cyber Protection Team (CPT) support: tools that reside inside DCO-I
Web Vulnerability Scanning: the software baseline to secure key cyber terrain and protect DoD websites
Big Data Analytics: analytics that leverage Defense Information System Agency (DISA) Acropolis analytics

DCO responds to unauthorized activity or alerts/threat information against the Army enterprise, and leverages intelligence, counterintelligence, law enforcement, and other military capabilities. It includes outmaneuvering adversaries taking or about to take offensive actions against defended networks, or otherwise responding to internal and external cyberspace threats. Internal defense measures include mission assurance actions to dynamically reestablish, re-secure, reroute, reconstitute, or isolate degraded or compromised local networks to ensure sufficient cyberspace access for commanders. The Army's DCO activities are a construct of active cyberspace defenses which provide synchronized, real-time capabilities to discover, detect, analyze, and mitigate threats and vulnerabilities to DoD networks and systems.

Exhibit P-40, Budget Line Item Justification: PB 2017 Army		**Date:** February 2016

Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 02: Communications and Electronics Equipment / BSA 64: Information Security	**P-1 Line Item Number / Title:** TA0600 / Information System Security Program-ISSP

ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0303140A

Line Item MDAP/MAIS Code: N/A	**Item MDAP/MAIS Code(s):** N/A

Secondary Distribution		FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	19.920	-	-	-	-	-	-	-
Total: **Secondary Distribution**	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**-**	**19.920**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Exhibit P-40, Budget Line Item Justification: PB 2017 Army	Date: February 2016
Appropriation / Budget Activity / Budget Sub Activity: 2035A: Other Procurement, Army / BA 02: Communications and Electronics Equipment / BSA 64: Information Security	**P-1 Line Item Number / Title:** TA0600 / Information System Security Program-ISSP

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0303140A

Line Item MDAP/MAIS Code: N/A	Item MDAP/MAIS Code(s): N/A	

Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	Quantity / Total Cost (Each) I ($ M)	Quantity / Total Cost (Each) I ($ M)	Quantity / Total Cost (Each) I ($ M)	Quantity / Total Cost (Each) I ($ M)	Quantity / Total Cost (Each) I ($ M)	Quantity / Total Cost (Each) I ($ M)
P-5	TA0600 / Information System Security Program-ISSP	P-5a	A	1,400 / 1,566.797	- / -	- / 19.920	- / -	- / -	- / -
P-40	**Total Gross/Weapon System Cost**			**1,400 / 1,566.797**	**- / -**	**- / 19.920**	**- / -**	**- / -**	**- / -**

*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 sum exactly due to rounding.

Justification:
Starting FY2017, there are no funds allocated to ISSP TA0600 line. Defensive Cyber-related OPA funding is programmed in the Defensive Cyber Operations program, B63000.

In accordance with Section 1815 of the FY2008 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.

Exhibit P-5, Cost Analysis: PB 2017 Army		Date: February 2016
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 02 / 64	P-1 Line Item Number / Title: TA0600 / Information System Security Program-ISSP	Item Number / Title [DODIC]: TA0600 / Information System Security Program-ISSP
ID Code (A=Service Ready, B=Not Service Ready) : A		MDAP/MAIS Code:

Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Procurement Quantity (Units in Each)	1,400	-	-	-	-	-
Gross/Weapon System Cost ($ in Millions)	1,566.797	-	19.920	-	-	-
Less PY Advance Procurement ($ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) ($ in Millions)	1,566.797	-	19.920	-	-	-
Plus CY Advance Procurement ($ in Millions)	-	-	-	-	-	-
Total Obligation Authority ($ in Millions)	1,566.797	-	19.920	-	-	-
(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)	1,119.141	-	-	-	-	-

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

Cost Elements	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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																		
BIG DATA HARDWARE[†]	-	-	-	-	-	-	525.000	5	2.625	-	-	-	-	-	-	-	-	-
BIG DATA SOFTWARE[†]	-	-	-	-	-	-	175.000	5	0.875	-	-	-	-	-	-	-	-	-
DCO-I PROJECT MGMT	-	-	-	-	-	-	-	-	3.937	-	-	-	-	-	-	-	-	-
DCO-I HARDWARE[†]	-	-	-	-	-	-	415.000	3	1.245	-	-	-	-	-	-	-	-	-
DCO-I SOFTWARE[†]	-	-	-	-	-	-	149.000	3	0.447	-	-	-	-	-	-	-	-	-
CPT PROJECT MGMT	-	-	-	-	-	-	-	-	3.021	-	-	-	-	-	-	-	-	-
CPT SOFTWARE[†]	-	-	-	-	-	-	3,200.000	1	3.200	-	-	-	-	-	-	-	-	-
WEB SCANNING PROJECT MGMT	-	-	-	-	-	-	-	-	2.044	-	-	-	-	-	-	-	-	-
WEB SCANNING SOFTWARE[†]	-	-	-	-	-	-	2,526.000	1	2.526	-	-	-	-	-	-	-	-	-
IN-LINE NETWORK ENCRYPTORS (INE)	6.764	19,850	134.268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARMY-WIDE CRYPTO NETWORK STANDARDIZATIO	-	-	10.808	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NET	-	-	1.530	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-5, Cost Analysis: PB 2017 Army		Date: February 2016
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 02 / 64	P-1 Line Item Number / Title: TA0600 / Information System Security Program-ISSP	Item Number / Title [DODIC]: TA0600 / Information System Security Program-ISSP

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

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

Cost Elements	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
PROGRAM OFFICE	-	-	3.680	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONTRACTOR ENGINEERING SUPPORT	-	-	0.213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRODUCT SUPPORT/FIELDING	-	-	20.383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ELECTRONIC FILL DEVICE	2.125	29,599	62.902	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LINK/TRUNK ENCRYPTORS	8.248	12,165	100.343	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FIELDING	-	-	1,028.860	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KEY MANAGEMENT (EKMS/KMI) Transition	-	-	45.375	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IFF MODE 5	-	-	0.342	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NETWORK SECURITY MANAGEMENT TOOLS	-	-	46.288	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SECURE WIRELESS	3.998	1,679	6.712	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIOMETRICS (PM)	-	-	73.970	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIOMETRICS (BIMA)	219.830	100	21.983	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LINK/TRUNK INSTALLATION KITS	3.090	2,962	9.153	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	*1,566.797*	-	-	-	-	-	*19.920*	-	-	-	-	-	-	-	-	-
Subtotal: Flyaway Cost	**-**	**-**	***1,566.797***	**-**	**-**	**-**	**-**	**-**	***19.920***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Gross/Weapon System Cost	**1,119.141**	**1,400**	**1,566.797**	**-**	**-**	**-**	**-**	**-**	**19.920**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Secondary Distribution		FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	-	19.920	-	-	-
Total: Secondary Distribution	**Quantity**	-	-	-	-	-
	Total Obligation Authority	-	**19.920**	-	-	-

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2017 Army										**Date:** February 2016			
Appropriation / Budget Activity / Budget Sub Activity: 2035A / 02 / 64			**P-1 Line Item Number / Title:** TA0600 / Information System Security Program-ISSP							**Item Number / Title [DODIC]:** TA0600 / Information System Security Program-ISSP			

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** *($ K)*	**Specs Avail Now?**	**Date Revision Available**	**RFP Issue Date**
BIG DATA HARDWARE		2016	CHESS / ACC-RI, IL	C / IDIQ	CHESS, ACC-RI, IL	Jan 2016	Feb 2016	5	525.000			
BIG DATA SOFTWARE		2016	CHESS / ACC-RI, IL	C / IDIQ	CHESS, ACC-RI, IL	Jan 2016	Feb 2016	5	175.000			
DCO-I HARDWARE		2016	CHESS / ACC-RI, IL	C / IDIQ	CHESS, ACC-RI, IL	Jan 2016	Feb 2016	3	415.000			
DCO-I SOFTWARE		2016	CHESS / ACC-RI, IL	C / IDIQ	CHESS, ACC-RI, IL	Jan 2016	Feb 2016	3	149.000			
CPT SOFTWARE		2016	CHESS / ACC-RI, IL	C / IDIQ	CHESS, ACC-RI, IL	Jan 2016	Feb 2016	1	3,200.000			
WEB SCANNING SOFTWARE		2016	CHESS / ACC-RI, IL	C / IDIQ	CHESS, ACC-RI, IL	Jan 2016	Feb 2016	1	2,526.000			

Remarks:
Defensive Cyberspace Operations (DCO) items procured are Commercial-Off-The-Shelf (COTS) products from the Computer Hardware Enterprise Software and Solutions (CHESS) contract. CHESS is the Army's designated primary source for commercial information technology (IT). CHESS provides a no-fee flexible procurement strategy through which an Army user may procure COTS IT hardware, software and services via an e-commerce based process. CHESS offers simple, straightforward contract vehicles through its online Army e-commerce ordering system, the IT e-mart. These contracts provide continuous vendor competition for best value and consolidation of requirements to maximize cost avoidance and leverage the Army's buying power.