Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Air Force

Appropriation/Budget Activity

R-1 Program Element (Number/Name)

3600: Research, Development, Test & Evaluation, Air Force I BA 7:

PE 0305105F I DoD Cyber Crime Center

Date: February 2015

Operational Systems Development

, ,												
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
Total Program Element	-	0.279	-	-	-	-	-	-	-	-	-	0.279
671931: TECH SURVEIL COUNTER MEAS EQPT	-	0.279	-	-	-	-	-	-	-	-	-	0.279
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY15, Project Number 671931 Tech Surveil Counter Meas Eqpt, was terminated/completed.

A. Mission Description and Budget Item Justification

Defense Cyber Crime Institute (DCCI) continues RDT&E collaboration efforts with law enforcement/counterintelligence and cyber communities to identify digital forensic technology gaps, research potential solutions and develop tools based on those solutions to address the gaps. DCCI leverage research into cutting edge investigative challenges within the digital forensics discipline to advance efforts aimed at securing networks, to include deep dive research into metamorphic and polymorphic techniques embedded in malicious code.

This program is in Budget Activity 7, Operational System Development, because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

B. Program Change Summary (\$ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	0.288	-	-	-	-
Current President's Budget	0.279	-	-	-	-
Total Adjustments	-0.009	-	-	-	-
 Congressional General Reductions 	-	-			
 Congressional Directed Reductions 	-	-			
 Congressional Rescissions 	-	-			
 Congressional Adds 	-	-			
 Congressional Directed Transfers 	-	-			
Reprogrammings	-	-			
SBIR/STTR Transfer	-0.009	-			
Other Adjustments	-	-	-	-	-

C. Accomplishments/Planned Programs (\$ in Millions)FY 2014FY 2015FY 2016Title: Forensic Technology Gap0.279--

PE 0305105F: DoD Cyber Crime Center

Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Air Force		Date: February 2015
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	
3600: Research, Development, Test & Evaluation, Air Force I BA 7:	PE 0305105F I DoD Cyber Crime Center	
Operational Systems Development		

C. Accomplishments/Planned Programs (\$ in Millions)	FY 2014	FY 2015	FY 2016
Description: Tools are developed after specific consultation with law enforcement and counterintelligence agencies after analysis of domestic and foreign intrusion attempts. Automated Malware Processor (AMP) 2.0 file processing includes extraction, carving and analysis operations which improves the efficiency of forensics examiners by automating tasks that do not require the application of human intelligence. 3GPCarver provides rapid carving of video taken from cell phones and MP4 files. The tool is also effective at reconstructing video files which are mildly fragmented. FY 2014 Accomplishments:			
Development of AMP 4.0 and 3GPCarver 3.0.			
FY 2015 Plans: No FY15 funding requested.			
FY 2016 Plans: No FY16 funding requested			
Accomplishments/Planned Programs Subtotals	0.279	-	_

D. Other Program Funding Summary (\$ in Millions)

N/A

Remarks

E. Acquisition Strategy

In FY15, Project Number 671931 Tech Surveil Counter Meas Eqpt, was terminated/completed.

F. Performance Metrics

Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

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Exhibit R-3, RDT&E	Project C	ost Analysis: PB 2	2016 Air F	orce			-					Date:	February	2015	
Appropriation/Budg 3600 / 7	et Activity	y							lumber/N er Crime C				r/ Name) SURVEIL (COUNTE	ER.
Product Developme	nt (\$ in M	illions)		FY:	2014	FY:	2015		2016 ase		2016 CO	FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To	Total Cost	Target Value of Contract
Intrusion Signature Tools	MIPR	Mitre : MA,	-	0.279	Nov 2013	-		-		-		-	-	0.279	0.279
		Subtotal	-	0.279		-		-		-		-	-	0.279	0.279
Support (\$ in Million	ıs)			FY	2014	FY:	2015		2016 ase		2016 CO	FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	-	-		-		-		-		-	-	-	-
Test and Evaluation	(\$ in Milli	ions)		FY:	2014	FY:	2015		2016 ase		2016 CO	FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To	Total Cost	Target Value of Contract
		Subtotal	-	-		-		-		-		-	-	-	-
Management Servic	es (\$ in M	lillions)		FY	2014	FY:	2015		2016 ase		2016 CO	FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	-	-		-		-		-		-	-	-	-
			Prior Years	FY	2014	FY:	2015		2016 ase		2016 CO	FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
		Project Cost Totals		0.279				_		_				0.279	

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Air Force

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		FY 20	014		FY 2	2015	;	FY	['] 2010	6		FY 2	2017	,		FY 2	2018	3		FY 2	2019)	_	FY 2	020	—	
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Forensic Data Extraction													-11											.,			

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Air Force

Exhibit R-4A, RDT&E Schedule Details: PB 2016 Air Force			Date: February 2015
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (N	umber/Name)
3600 / 7	PE 0305105F I DoD Cyber Crime Center	671931 <i>I T</i>	ECH SURVEIL COUNTER
		MEAS EQF	PT

Schedule Details

	Sta	art	Eı	nd
Events	Quarter	Year	Quarter	Year
Forensic Data Extraction	1	2014	2	2015

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