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Date: May 2017 Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Air Force

Appropriation/Budget Activity

R-1 Program Element (Number/Name)

3600: Research, Development, Test & Evaluation, Air Force I BA 4: Advanced | PE 0604317F I Technology Transfer

Component Development & Prototypes (ACD&P)

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COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
Total Program Element	-	7.494	3.368	3.295	0.000	3.295	3.058	3.119	3.171	3.236	Continuing	Continuing
646003: Partnership Intermediary Agreement(s)	-	7.494	3.368	3.295	0.000	3.295	3.058	3.119	3.171	3.236	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Technology Transfer was titled Defense Technology Transfer and Defense Technology Link (TechLink) in previous Office of the Secretary of Defense (OSD) budgets. The program was devolved from OSD in FY12 to achieve efficiencies in program management. TechLink, DoD's first National level Partnership Intermediary (PI), was established by OSD in 1999 to provide direct Technology Transfer support to all Air Force, Army, Navy, and independent DoD Research Laboratories. TechLink is a performance based, metrics-driven organization.

The mission of Technology Transfer is to: (1) Establish license agreements to transfer patented inventions from DoD research laboratories to industry for conversion into new dual-use products and services to support DoD's defense mission and benefit the US economy; and (2) Establish collaborative research and development agreements (CRADAs) with the private-sector for development of new, innovative, dual-use technology. Both of these activities enable DoD to leverage the investment and capabilities of the private-sector in development of new defense-related products and services, lowering DoD costs and also helping ensure that DoD-developed or co-developed technologies are transitioned to DoD operational use.

This program is in Budget Activity 4, Advanced Component Development and Prototypes (ACD&P) because efforts are necessary to evaluate integrated technologies, representative modes or prototype systems in a high fidelity and realistic operating environment.

FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
7.612	3.368	3.286	0.000	3.286
7.494	3.368	3.295	0.000	3.295
-0.118	0.000	0.009	0.000	0.009
0.000	0.000			
0.000	0.000			
0.000	0.000			
0.000	0.000			
0.000	0.000			
0.000	0.000			
-0.118	0.000			
0.000	0.000	0.009	0.000	0.009
	7.494 -0.118 0.000 0.000 0.000 0.000 0.000 0.000 -0.118	7.494 3.368 -0.118 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 -0.118 0.000	7.494 3.368 3.295 -0.118 0.000 0.009 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 -0.118 0.000	7.494 3.368 3.295 0.000 -0.118 0.000 0.009 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 -0.118 0.000

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Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Air Force			May 2017	
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 Program Element (Number/Name) PE 0604317F I Technology Transfer	,		
Congressional Add Details (\$ in Millions, and Includes General Rec	ductions)		FY 2016	FY 2017
Project: 646003: Partnership Intermediary Agreement(s)				
Congressional Add: <i>Program Increase</i>		4.100	0.000	
	Congressional Add Subtotals for Projec	t: 646003	4.100	0.000
	Congressional Add Totals for al	l Projects	4.100	0.000
C. Accomplishments/Planned Programs (\$ in Millions)			FY 2017	FY 2018
Title: Technology Transfer		3.394	3.368	3.295
FY 2016 Accomplishments: Continued to actively promote and broker cooperative research and development industry for development of technology with both commercial and military appli businesses and nontraditional defense contractors, helping establish over 60% the Air Force's license agreements. Continued to actively market DoD-develop Patent License Agreements to commercialize these technologies for both civili FY 2017 Plans: Continue to evaluate and market DoD laboratory inventions and broker license CRDAs between DoD research labs and US companies to support the US defe Implement new cost-effective approaches to increase and accelerate transfer to DoD operational use. This effort focuses primarily on non-traditional defens innovativeness, resources, and capabilities of the private-sector in developing services. FY 2018 Plans: Continue to implement new cost-effective approaches to increase and accelerate laboratories and facilitate their transition to the warfighter. Evaluate and market transfer agreements/CRDAs, to include commercial licenses, that will support to	ent agreements (CRADAs) between DoD labs and cations. This activity particularly focused on small of DoD's total license agreements and over 90% of ped technologies to U.S. companies and established an and military application. The sand other technology transfer agreements/sense mission and benefit to the US economy. The DoD lab technologies and facilitate their transition is contractors and is intended to leverage the and commercializing new dual-use products and the transfer of technologies developed at DoD laboratory inventions and broker technology.			
economy. Engage the innovative capabilities of non-traditional defense contra use products and services.		2.204	2 200	2 205
	Accomplishments/Planned Programs Subtotals	3.394	3.368	3.295

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Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Air Force	Date: May 2017	
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	
3600: Research, Development, Test & Evaluation, Air Force I BA 4: Advanced	PE 0604317F I Technology Transfer	
Component Development & Prototypes (ACD&P)		

	FY 2016	FY 2017
Congressional Add: Program Increase	4.100	0.000
FY 2016 Accomplishments: Conducted Congressionally-directed effort		
FY 2017 Plans: N/A		
Congressional Adds Subtotals	4.100	0.000

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

N/A

Remarks

N/A

E. Acquisition Strategy

PE 064317F uses a Partnership Intermediary Agreement (PIA) with TechLink at the University of Montana. Through this agreement TechLink helps the Department of Defense to establish licensing and other technology transfer agreements with US industry. The effort is run through the Air Force Research Laboratory/Small Business office at Wright Patterson Air Force Base.

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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