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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Air Force										Date: February 2015		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 6: RDT&E Management Support					R-1 Program Element (Number/Name) PE 0606323F I Multi-Service Systems Engineering Initiative							
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	-	6.682	-	-	-	-	-	-	-	-	-	6.682
668101: MSSE and JIAMD Capability Initiative	-	6.682	-	-	-	-	-	-	-	-	-	6.682
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Note

In FY 2015, Project 668101, MSSE and JIAMD Capability Initiative, was terminated. Per the Ballistic Missile Defense System (BMDS) Acquisition Decision Memorandum (ADM) of 8 May 2013, the Missile Defense Agency (MDA) assumed technical authority responsibility of air and missile defense integration activities.

A. Mission Description and Budget Item Justification

The Joint System Engineering Team (JSET) serves as a joint acquisition effort to build the framework for future work towards achieving near-term Joint Track Management Capability (JTMC) and long-term Joint Integrated Air and Missile Defense (JIAMD) capabilities. It performs systems engineering activities in collaboration with the Services, Joint Staff, and OSD. The JSET reviews Service Program of Records (PoRs) and MDA systems based upon operationally validated JIAMD requirements and Prioritized Capabilities List (PCL) needs. It recommends engineering changes (e.g., Interface Control Documents (ICDs), common standards, and/or specifications) that can provide incremental improvements in joint war fighting capability, as described in the Joint Requirements Oversight Council (JROC)-validated Joint IAMD operational requirements, information exchange requirements, as well as other war fighter-approved requirements. The JSET scope encompasses the collaborative efforts to provide the war fighter the ability to effectively and efficiently utilize all available resources to counter the complete air, cruise missile, and ballistic missile threats. Activities included studies and analysis that support both current program planning and execution, as well as future program planning.

The objective of the JSET is to recommend incremental improvements in fielded capabilities within the construct of Service PoRs and MDA systems. The following list includes several, priority Family of Systems (FOS) engineering tasks:

- Conduct the engineering activity to develop coordinated Joint IAMD Department of Defense (DoD) Architecture Framework (DODAF) products (e.g., System Views) while maintaining and deriving common standards.
- Develop, recommend, and document as necessary overarching JIAMD technical/performance requirements.
- Perform Joint IAMD FOS engineering and related analyses, and develop recommendations for incrementally implementing Joint IAMD capabilities.
- Develop Joint IAMD FOS engineering and Capability Validation Plans and strategies.
- Recommend updates to the Joint Staff IAMD Operational Views as necessary.
- Ensure that Joint engineering tasks are conducted in a logical sequence and in a timely manner to provide the Services and MDA the most benefit and adequate time to consider engineering recommendations derived by the JSET.

BA 6 - This program is in Budget Activity 6, RDT&E Management Support because this budget activity includes research, development, test and evaluation efforts and funds to sustain and/or modernize the installations or operations required for general research, development, test and evaluation.

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B. Program Change Summary (\$ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total				
Previous President's Budget	6.908	-	-	-	-				
Current President's Budget	6.682	-	-	-	-				
Total Adjustments	-0.226	-	-	-	-				
• Congressional General Reductions	-	-							
• Congressional Directed Reductions	-	-							
• Congressional Rescissions	-	-							
• Congressional Adds	-	-							
• Congressional Directed Transfers	-	-							
• Reprogrammings	-	-							
• SBIR/STTR Transfer	-0.226	-							
• Other Adjustments	-	-	-	-	-				
C. Accomplishments/Planned Programs (\$ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total				
Title: Requirements Development	0.500	-	-	-	-				
Description: Multi-Service Systems Engineering (MSSE) Requirements Development									
FY 2014 Accomplishments: Developed, recommended, and documented as necessary overarching JIAMD technical/performance requirements.									
FY 2015 Plans: N/A									
FY 2016 Base Plans: N/A									
FY 2016 OCO Plans: N/A									
Title: Architecture Development	2.557	-	-	-	-				
Description: Multi-Service Systems Engineering (MSSE) Architecture Development									
FY 2014 Accomplishments: - Conducted engineering activities to develop coordinated Joint IAMD architecture products (e.g., System Views) while maintaining and deriving common standards.									

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
- Recommended updates to the Joint Staff IAMD Operational Views as necessary.						
FY 2015 Plans: N/A						
FY 2016 Base Plans: N/A						
FY 2016 OCO Plans: N/A						
Title: Engineering		3.625	-	-	-	-
Description: Joint Systems Engineering Team (JSET) - Systems Engineering						
FY 2014 Accomplishments: - Performed Joint IAMD FOS engineering and related analyses, and developed recommendations for incrementally implemented Joint IAMD capabilities. - Developed Joint IAMD FOS engineering and Capability Validation Plans and strategies.						
FY 2015 Plans: N/A						
FY 2016 Base Plans: N/A						
FY 2016 OCO Plans: N/A						
Accomplishments/Planned Programs Subtotals		6.682	-	-	-	-
D. Other Program Funding Summary (\$ in Millions)						
N/A						
Remarks						

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E. Acquisition Strategy Multi-Service Systems Engineering (MSSE) supported subject matter experts in the Joint Systems Engineering Team (JSET) working groups through Military Interdepartmental Purchase Requests in accordance with the JIAMD Joint Enterprise Architecture Plan (JEAP). This was accomplished in a collaborative fashion with the Services, Joint Staff, and Office of Secretary of Defense. All contracts were awarded full and open.		
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.		