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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Air Force										Date: March 2014		
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 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	-	12.367	6.908	-	-	-	-	-	-	-	-	19.275
668101: MSSE and JIAMD Capability Initiative	-	12.367	6.908	-	-	-	-	-	-	-	-	19.275
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

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. The Air Force will provide FY 2014 PE 0606323F, Multi-Service Systems Engineering (MSSE), funding to MDA. MDA will budget for Integrated Air & Missile Defense engineering and integration as part of the President's Budget 2015 process.

A. Mission Description and Budget Item Justification
The Multi-Service System Engineering Team (MSSET) 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.

The MSSET will perform systems engineering activities in collaboration with the Missile Defense Agency (MDA), Services, Joint Staff, and OSD. The MSSET will review Service Program of Record (PoRs) and MDA systems based upon operationally validated JIAMD requirements and Prioritized Capabilities List (PCL) needs. It will then recommend 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 MSSET scope will encompass 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 also include studies and analysis to support both current program planning and execution, as well as future program planning.

The objective of the MSSET is to recommend incremental improvements in fielded capabilities within the construct of Service and MDA PoRs. The following list includes several, priority Family of Systems (FOS) engineering tasks. These tasks go beyond the expected scope of engineering efforts conducted by an individual Service and MDA in their POR for IAMD:

- 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.

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- 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 MSSET. - JPEO act in the role of Secretariat for the AMD Integration Standing-Committee to Missile Defense Executive Board (MDEB). This program is in Budget Activity 6, RDT&E Management Support, 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.						
B. Program Change Summary (\$ in Millions)		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget		13.964	13.935	-	-	-
Current President's Budget		12.367	6.908	-	-	-
Total Adjustments		-1.597	-7.027	-	-	-
• Congressional General Reductions		-0.018	-0.005			
• Congressional Directed Reductions		-	-7.000			
• Congressional Rescissions		-	-			
• Congressional Adds		-	-			
• Congressional Directed Transfers		-	-			
• Reprogrammings		-	-			
• SBIR/STTR Transfer		-0.396	-0.022			
• Other Adjustments		-1.183	-	-	-	-
Change Summary Explanation						
FY 2013: amount in the Other Adjustments row due to sequestration.						
FY 2014: Congressional Directed Reductions row due program termination in FY 2015.						
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2013	FY 2014	FY 2015
Title: Requirements Development				0.885	0.500	-
Description: MSSE Requirements Development						
FY 2013 Accomplishments:						
Developed, recommended, and documented as necessary overarching JIAMD technical/performance requirements.						
FY 2014 Plans:						

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015
Develop, recommend, and document as necessary overarching JIAMD technical/performance requirements.				
FY 2015 Plans: N/A				
Title: Architecture Development Description: MSSE Architecture Development FY 2013 Accomplishments: Conducted the engineering activity that developed coordinated Joint IAMD architecture products (e.g., System Views) that maintained and derived common standards. Recommended updates to the Joint Staff IAMD Operational Views as necessary. FY 2014 Plans: Conduct engineering activities to develop coordinated Joint IAMD architecture products (e.g., System Views) while maintaining and deriving common standards. Recommend updates to the Joint Staff IAMD Operational Views as necessary. FY 2015 Plans: N/A		4.574	2.557	-
Title: Engineering Description: MSSE Systems Engineering FY 2013 Accomplishments: Performed Joint IAMD FOS engineering and related analyses, and developed recommendations which incrementally implemented Joint IAMD capabilities. Developed Joint IAMD FOS engineering and Capability Validation Plans and strategies. FY 2014 Plans: 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. FY 2015 Plans: N/A		6.908	3.851	-
Accomplishments/Planned Programs Subtotals		12.367	6.908	-
D. Other Program Funding Summary (\$ in Millions) N/A				

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D. Other Program Funding Summary (\$ in Millions)		
Remarks		
E. Acquisition Strategy Multi-Service Systems Engineering will support subject matter experts in the Multi-Service Systems Engineering Team's working groups through Military Interdepartmental Purchase Requests in accordance with the JIAMD Joint Enterprise Architecture Plan (JEAP). This is accomplished in a collaborative fashion with the Services, MDA, the JPEO IAMD, Joint Staff, and Office of Secretary of Defense. All contracts are 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.		