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* / BA 7: *Operational Systems Development*					R-1 Program Element (Number/Name) PE 0303131F / *Minimum Essential Emergency Communications Network (MEECN)*							
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	-	18.981	80.882	75.062	-	75.062	32.000	16.853	17.903	6.021	Continuing	Continuing
672832: *MEECN System Improvements*	-	0.873	0.860	0.894	-	0.894	0.912	0.929	0.946	0.964	Continuing	Continuing
676029: *Global Aircrew Strategic Network Terminal*	-	18.108	80.022	74.168	-	74.168	31.088	15.924	16.957	5.057	Continuing	Continuing

Note

In FY16, Project 676029, Global ASNT, includes a new start effort for Global ASNT Increment 2.

A. Mission Description and Budget Item Justification

Nuclear Deterrence Operations (NDO) is an Air Force Core Function. Within this core function, Nuclear Command and Control (NC2) is the exercise of authority and direction by the President, as Commander in Chief, through established command lines, over nuclear weapon operations of military forces. The President's authority and direction are exercised through the Nuclear Command and Control System (NCCS). The NCCS is the designated combination of flexible and enduring elements including facilities, equipment, communications, procedures, personnel, and the structure in which these elements are integrated, all of which are essential for planning, directing, and controlling nuclear weapon operations.

The Minimum Essential Emergency Communications Network (MEECN) portfolio modernizes the systems necessary to effectively provide assured communications connectivity between the President and the strategic deterrence forces in stressed environments.

MEECN System Improvements (MSI) is a long-range planning process with users (Air Force Global Strike Command (AFGSC), Air Combat Command (ACC), Air Force Space Command (AFSPC), Air Mobility Command (AMC), US Strategic Command (USSTRATCOM), and the Navy) to develop recommendations for current and future requirements/issues based on available technology. MSI is used to conduct technology testing, analyze technology strategies and build technology roadmaps as pro-active support to the Nuclear Command, Control, and Communications (NC3) community.

Global Aircrew Strategic Network Terminal (Global ASNT) replaces inadequate, unsustainable strategic communications equipment at bomber, tanker and reconnaissance Wing Command Posts (WCPs), Nuclear Task Forces, Munitions Support Squadrons (MUNSS), and for Mobile Support Teams (MSTs). Global ASNT is a ground-based system that will provide survivable, secure communication paths to receive Emergency Action Messages (EAMs) and Force Management messages from NC3 nodes and disseminate them to bomber, tanker, and reconnaissance aircrews.

Global ASNT is being fielded in separate capability increments.

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* / BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 0303131F / *Minimum Essential Emergency Communications Network (MEECN)*

Global ASNT Increment 1 fields required Extremely High Frequency/Advanced Extremely High Frequency (EHF/AEHF) capabilities and replaces inadequate, unsustainable strategic mobile and fixed-site Single Channel Anti-jam Man-Portable (SCAMP) terminals. The FY16 funding request was reduced by $1.140 million to account for the availability of prior execution balances in Global ASNT Inc 1.

Global ASNT Increment 2 is a new start. Increment 2 delivers an Aircrew Alerting System (AAS) consisting of pagers and klaxons, and High Frequency (HF) and Ultra High Frequency (UHF) capabilities. Increment 2 replaces Electromagnetic Pulse Hardened Dispersal Communication (EHDC) systems and Aircrew Alerting Communications Electromagnetic Pulse (AACE) systems.

Global ASNT Increment 3 is planned to deliver a Very Low Frequency (VLF)/Low Frequency (LF) receive capability.

Global ASNT will provide solutions to existing capability shortfalls for NC3 and is the last line of operational communications when all other peacetime links fail.

This program is in Budget Activity 07, 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 years.

B. Program Change Summary ($ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	18.481	81.035	72.301	-	72.301
Current President's Budget	18.981	80.882	75.062	-	75.062
Total Adjustments	0.500	-0.153	2.761	-	2.761
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	0.500	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments	-	-0.153	2.761	-	2.761

Change Summary Explanation

The FY16 funding request was reduced by $1.140 million to account for the availability of prior execution balances in Global ASNT Inc 1.

The FY16 funding request was increased by $3.901M to begin Global ASNT Inc 2 pre-milestone B activities.

Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force			Date: February 2015
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303131F / *Minimum Essential Emergency Communications Network (MEECN)*	Project (Number/Name) 672832 / *MEECN System Improvements*	

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
672832: *MEECN System Improvements*	-	0.873	0.860	0.894	-	0.894	0.912	0.929	0.946	0.964	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

MEECN System Improvements (MSI) is a long-range planning process with users (Air Force Global Strike Command (AFGSC), Air Combat Command (ACC), Air Force Space Command (AFSPC), Air Mobility Command (AMC), US Strategic Command (USSTRATCOM), and the Navy) to develop recommendations for current and future requirements/issues based on available technology. MSI will perform risk reduction, and analyze requirements and prepare technologies for future replacement or acquisition efforts. MSI is used to conduct technology testing, analyze technology strategies, and build technology roadmaps as pro-active support to the Nuclear Command, Control, and Communications (NC3) community.

Very Low Frequency/Low Frequency (VLF/LF) receivers are currently used as one of the means for secure/survivable connectivity from the President to strategic forces. Over the years, the Air Force and Navy have pursued their own VLF products, which meet the unique application and environmental situations for each platform. MSI is investigating the technical feasibility of a future common core of processing hardware and software that supports all VLF receiver platforms and associated waveforms.

This program is in Budget Activity 07, 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 years.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2014	FY 2015	FY 2016
Title: MEECN System Improvements	0.873	0.860	0.894
Description: Conduct Nuclear Command, Control and Communications (NC3) technology testing, build comprehensive technology strategies and roadmaps. Conduct VLF/LF tradeoff analysis. Deliver results of analytic tasks in an annual NC3 report.			
FY 2014 Accomplishments: Refreshed NC3 Architecture Roadmap. Modeled and Simulated Platform Electro-Magnetic Interference (EMI) results. Performed VLF Antenna analysis. Continued Common VLF Receiver (CVR) Trade-off analysis.			
FY 2015 Plans: Refresh NC3 Architecture Roadmap Perform Bomber Message Reception Assessment			

Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force		Date: February 2015
Appropriation/Budget Activity 3600 / 7	**R-1 Program Element (Number/Name)** PE 0303131F / *Minimum Essential Emergency Communications Network (MEECN)*	**Project (Number/Name)** 672832 / *MEECN System Improvements*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2014	FY 2015	FY 2016
Provide CVR Requirement Analysis Support Continue Common VLF Receiver Trade-off analysis Continue Model Improvement Efforts			
FY 2016 Plans: Refresh NC3 Architecture Roadmap Continue CVR Requirement Analysis Support Produce Bomber Message Reception Test Results Report Perform Bomber Message Reception Coverage Impact Assessment Continue Model Improvement Efforts			
Accomplishments/Planned Programs Subtotals	0.873	0.860	0.894

C. Other Program Funding Summary ($ in Millions)

Line Item	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
• N/A: *None*	-	-	-	-	-	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

Johns Hopkins University (JHU) Applied Physics Lab (APL) is on contract to provide inputs to the NC3 Roadmap. This effort is a "time and materials" type contract.

E. 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.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Air Force			Date: February 2015
Appropriation/Budget Activity 3600 / 7	**R-1 Program Element (Number/Name)** PE 0303131F / *Minimum Essential Emergency Communications Network (MEECN)*	**Project (Number/Name)** 672832 / *MEECN System Improvements*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
NC3 Roadmap	MIPR	JHU APL : Laurel, MD	-	0.406	Mar 2014	0.416	Mar 2015	0.396	Mar 2016	-		0.396	Continuing	Continuing	TBD
		Subtotal	-	0.406		0.416		0.396		-		0.396	-	-	-

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	-	-		-		-		-		-	-	-	-

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	-	-		-		-		-		-	-	-	-

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
PMA (Eng/Acq Spt/MITRE/ Travel/IMPAC)	Various	Various : Various,	-	0.467	Dec 2013	0.444	Dec 2014	0.498	Dec 2015	-		0.498	Continuing	Continuing	TBD
		Subtotal	-	0.467		0.444		0.498		-		0.498	-	-	-

	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	0.873		0.860		0.894		-		0.894	-	-	-

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2016 Air Force		Date: February 2015
Appropriation/Budget Activity 3600 / 7	**R-1 Program Element (Number/Name)** PE 0303131F / *Minimum Essential Emergency Communications Network (MEECN)*	**Project (Number/Name)** 672832 / *MEECN System Improvements*

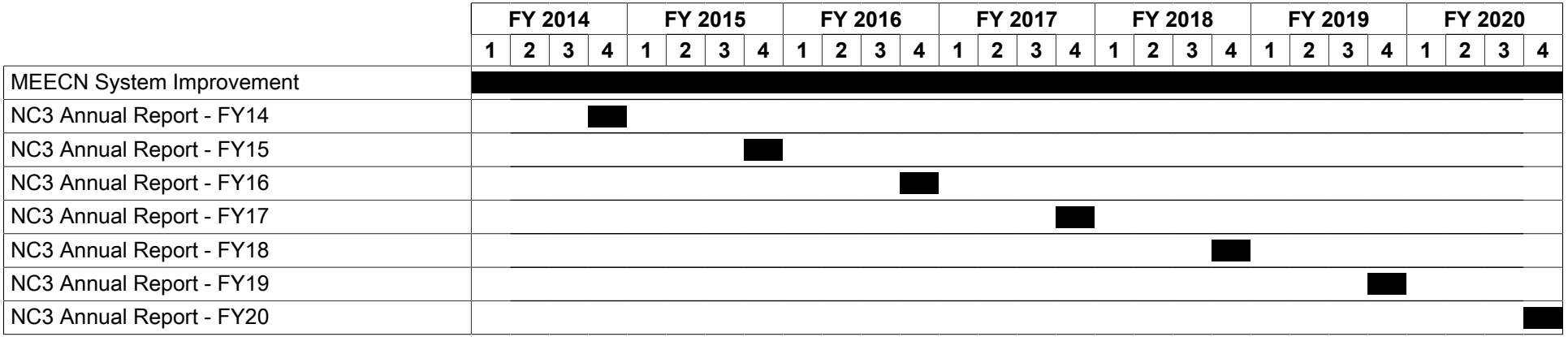

Exhibit R-4A, RDT&E Schedule Details: PB 2016 Air Force		Date: February 2015
Appropriation/Budget Activity 3600 / 7	**R-1 Program Element (Number/Name)** PE 0303131F / *Minimum Essential Emergency Communications Network (MEECN)*	**Project (Number/Name)** 672832 / *MEECN System Improvements*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
MEECN System Improvement	1	2014	4	2020
NC3 Annual Report - FY14	4	2014	4	2014
NC3 Annual Report - FY15	4	2015	4	2015
NC3 Annual Report - FY16	4	2016	4	2016
NC3 Annual Report - FY17	4	2017	4	2017
NC3 Annual Report - FY18	4	2018	4	2018
NC3 Annual Report - FY19	4	2019	4	2019
NC3 Annual Report - FY20	4	2020	4	2020

Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force			Date: February 2015
Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0303131F / *Minimum Essential Emergency Communications Network (MEECN)*	Project (Number/Name) 676029 / *Global Aircrew Strategic Network Terminal*	

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
676029: *Global Aircrew Strategic Network Terminal*	-	18.108	80.022	74.168	-	74.168	31.088	15.924	16.957	5.057	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY16, Project 676029, Global ASNT, includes a new start effort for Global ASNT Increment 2.

A. Mission Description and Budget Item Justification

Global ASNT replaces inadequate, unsustainable strategic communications equipment at bomber, tanker and reconnaissance Wing Command Posts (WCPs), Nuclear Task Forces, Munitions Support Squadrons (MUNSS), and for Mobile Support Teams (MSTs). Global ASNT is a ground-based system that will provide survivable, secure communication paths to receive Emergency Action Messages (EAMs) and Force Management messages from NC3 nodes and disseminate them to bomber, tanker, and reconnaissance aircrews.
Global ASNT is being fielded in separate capability increments.

Increment 1 fields required Extremely High Frequency/Advanced Extremely High Frequency (EHF/AEHF) capabilities and replaces inadequate, unsustainable strategic mobile and fixed-site Single Channel Anti-jam Man-Portable (SCAMP) terminals.

Increment 2 delivers an Aircrew Alerting System (AAS) consisting of pagers and klaxons, and High Frequency (HF) and Ultra High Frequency (UHF) capabilities. Increment 2 replaces Electromagnetic Pulse Hardened Dispersal Communication (EHDC) systems and Aircrew Alerting Communications Electromagnetic Pulse (AACE) systems.

Increment 3 is planned to deliver a Very Low Frequency (VLF)/Low Frequency (LF) receive capability.

Global ASNT will provide solutions to existing capability shortfalls for NC3 and is the last line of operational communications when all other peacetime links fail.

This program is in Budget Activity 07, 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 years.

Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force		Date: February 2015
Appropriation/Budget Activity 3600 / 7	**R-1 Program Element (Number/Name)** PE 0303131F / *Minimum Essential Emergency Communications Network (MEECN)*	**Project (Number/Name)** 676029 / *Global Aircrew Strategic Network Terminal*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2014	FY 2015	FY 2016
Title: Engineering & Manufacturing Development (Global ASNT Inc 1) ***Description:*** Engineering & Manufacturing Development (EMD) ***FY 2014 Accomplishments:*** Awarded EMD contract 23 Dec 13. Conducted Integrated Baseline Review (IBR) and System Requirements Review (SRR). Continued Engineering and Manufacturing Development to include EHF and AEHF integration of modem design, cryptographic upgrade, software development, antenna integration and test of developed hardware and software. ***FY 2015 Plans:*** Conduct Preliminary Design Review (PDR) and Critical Design Review (CDR). Continue development to include EHF and AEHF integration of modem design, cryptographic upgrade, software development, antenna integration and test of developed hardware and software. ***FY 2016 Plans:*** Continue development for Increment 1 to include EHF and AEHF integration of modem design, cryptographic upgrade, software development, antenna integration and test of developed hardware and software; conduct government Developmental Testing/ Operational Testing (DT/OT) in preparation for early FY17 MS C.	18.108	80.022	69.797
Title: Pre-Milestone B Activities (Global ASNT Inc 2) ***Description:*** Pre-Milestone B Activities ***FY 2016 Plans:*** Conduct pre-development and engineering activities in preparation for a Global ASNT Inc 2 Milestone B.	-	-	4.371
Accomplishments/Planned Programs Subtotals	18.108	80.022	74.168

C. Other Program Funding Summary ($ in Millions)

Line Item	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
• OPAF: BA03: Line item # 834210: *Global ASNT*	-	1.289	5.232	-	5.232	200.572	131.169	40.799	24.972	Continuing	Continuing

Remarks

Exhibit R-2A, RDT&E Project Justification: PB 2016 Air Force		Date: February 2015
Appropriation/Budget Activity 3600 / 7	**R-1 Program Element (Number/Name)** PE 0303131F / *Minimum Essential Emergency Communications Network (MEECN)*	**Project (Number/Name)** 676029 / *Global Aircrew Strategic Network Terminal*

D. Acquisition Strategy

Global ASNT used a full and open competitive source selection to award an EMD contract for Increment 1. Global ASNT will continue to use a competitive incremental approach to fulfill the overall requirements of the program for Increments 2 and 3.

E. 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.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Air Force			Date: February 2015
Appropriation/Budget Activity 3600 / 7	**R-1 Program Element (Number/Name)** PE 0303131F / *Minimum Essential Emergency Communications Network (MEECN)*	**Project (Number/Name)** 676029 / *Global Aircrew Strategic Network Terminal*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Engineering & Manufacturing Development	C/FPIF	Raytheon : Marlborough, MA	-	11.513	Dec 2013	68.310	Oct 2014	54.399	Oct 2015	-		54.399	Continuing	Continuing	TBD
Satellite Simulations	SS/FFP	MIT/Lincoln Laboratory : Lexington, MA	-	0.335	Jan 2014	0.824	Jan 2015	0.840	Jan 2016	-		0.840	Continuing	Continuing	TBD
		Subtotal	-	11.848		69.134		55.239		-		55.239	-	-	-

Remarks

- Raytheon Global ASNT Inc 1 EMD contract for FY15 and FY16 is an incrementally funded continuing effort on the existing contract. Incremental funding is projected for October FY15 and October FY16, as appropriated funds become available to obligate on this FPIF type contract.

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
MITRE Lab	SS/CPFF	MITRE : Bedford, MA	-	1.171	Jan 2014	1.606	Oct 2014	1.865	Oct 2015	-		1.865	Continuing	Continuing	-
Software Support	Various	Various : ,	-	0.474	Jun 2014	0.254	Feb 2015	3.694	Feb 2016	-		3.694	Continuing	Continuing	-
GFE	Various	Various : ,	-	-		-		0.420	Mar 2016	-		0.420	Continuing	Continuing	-
		Subtotal	-	1.645		1.860		5.979		-		5.979	-	-	-

Remarks

- MITRE support for FY15 and FY16 is an incrementally funded continuing effort on the existing contract with an annual period of performance of 1 Oct-30 Sep.

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Test and Evaluation	Various	Various : ,	-	0.106	Feb 2014	0.620	Nov 2014	1.158	Nov 2015	-		1.158	Continuing	Continuing	TBD
NSA	MIPR	NSA, Maryland : ,	-	0.010	Jan 2014	0.382	Jan 2015	0.445	Jan 2016	-		0.445	Continuing	Continuing	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Air Force		Date: February 2015
Appropriation/Budget Activity 3600 / 7	**R-1 Program Element (Number/Name)** PE 0303131F / *Minimum Essential Emergency Communications Network (MEECN)*	**Project (Number/Name)** 676029 / *Global Aircrew Strategic Network Terminal*

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	-	0.116		1.002		1.603		-		1.603	-	-	-

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
PMA (Eng/Acq Support, Travel)	Various	Various : ,	-	2.451	Dec 2013	4.814	Nov 2014	6.774	Nov 2015	-		6.774	Continuing	Continuing	TBD
PMA (MITRE)	SS/CPFF	MITRE : Bedford, MA	-	2.048	Oct 2013	3.212	Oct 2014	4.573	Oct 2015	-		4.573	Continuing	Continuing	TBD
		Subtotal	-	4.499		8.026		11.347		-		11.347	-	-	-

Remarks

- MITRE management services for FY15 and FY16 are incrementally funded continuing efforts on the existing contract with an annual period of performance of 1 Oct-30 Sep.

	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	18.108		80.022		74.168		-		74.168	-	-	-

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2016 Air Force		Date: February 2015
Appropriation/Budget Activity 3600 / 7	**R-1 Program Element (Number/Name)** PE 0303131F / *Minimum Essential Emergency Communications Network (MEECN)*	**Project (Number/Name)** 676029 / *Global Aircrew Strategic Network Terminal*

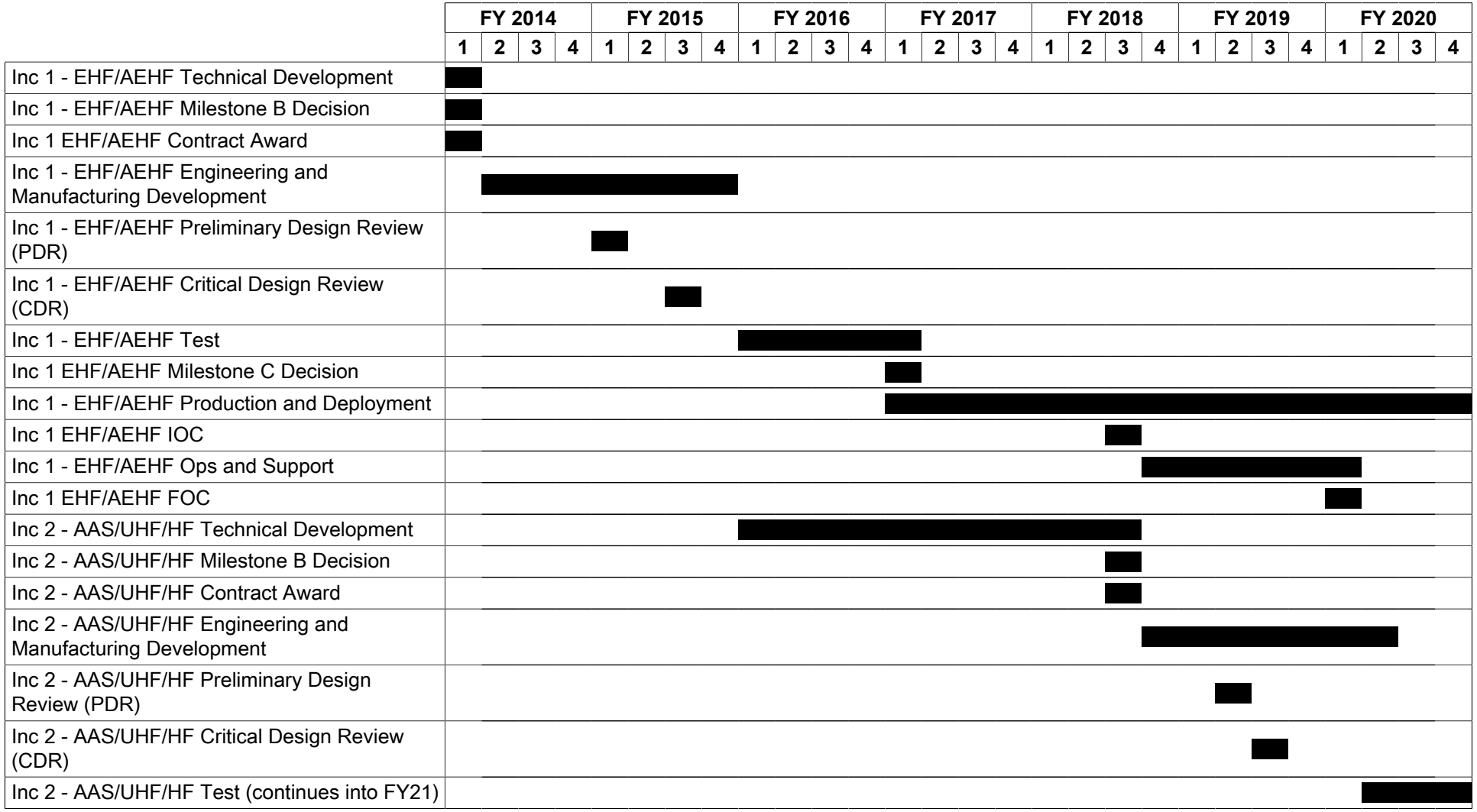

Exhibit R-4A, RDT&E Schedule Details: PB 2016 Air Force		Date: February 2015
Appropriation/Budget Activity 3600 / 7	**R-1 Program Element (Number/Name)** PE 0303131F / *Minimum Essential Emergency Communications Network (MEECN)*	**Project (Number/Name)** 676029 / *Global Aircrew Strategic Network Terminal*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Inc 1 - EHF/AEHF Technical Development	1	2014	1	2014
Inc 1 - EHF/AEHF Milestone B Decision	1	2014	1	2014
Inc 1 EHF/AEHF Contract Award	1	2014	1	2014
Inc 1 - EHF/AEHF Engineering and Manufacturing Development	2	2014	4	2015
Inc 1 - EHF/AEHF Preliminary Design Review (PDR)	1	2015	1	2015
Inc 1 - EHF/AEHF Critical Design Review (CDR)	3	2015	3	2015
Inc 1 - EHF/AEHF Test	1	2016	1	2017
Inc 1 EHF/AEHF Milestone C Decision	1	2017	1	2017
Inc 1 - EHF/AEHF Production and Deployment	1	2017	4	2020
Inc 1 EHF/AEHF IOC	3	2018	3	2018
Inc 1 - EHF/AEHF Ops and Support	4	2018	1	2020
Inc 1 EHF/AEHF FOC	1	2020	1	2020
Inc 2 - AAS/UHF/HF Technical Development	1	2016	3	2018
Inc 2 - AAS/UHF/HF Milestone B Decision	3	2018	3	2018
Inc 2 - AAS/UHF/HF Contract Award	3	2018	3	2018
Inc 2 - AAS/UHF/HF Engineering and Manufacturing Development	4	2018	2	2020
Inc 2 - AAS/UHF/HF Preliminary Design Review (PDR)	2	2019	2	2019
Inc 2 - AAS/UHF/HF Critical Design Review (CDR)	3	2019	3	2019
Inc 2 - AAS/UHF/HF Test (continues into FY21)	2	2020	4	2020