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Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Air Force **DATE:** February 2012

APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0101125F: <i>NUCLEAR WEAPON MODERNIZATION</i>							
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
Total Program Element	-	93.867	80.200	-	80.200	110.223	185.340	156.500	134.500	Continuing	Continuing
657007: <i>B61 LIFE EXTENSION PROGRAM</i>	-	83.941	80.200	-	80.200	110.223	185.340	156.500	134.500	Continuing	Continuing
657008: <i>LONG RANGE STAND-OFF</i>	-	9.926	-	-	-	-	-	-	-	Continuing	Continuing

Note

In FY12, B61 Life Extension Program (LEP) efforts were transferred from PE 0604222F, Nuclear Weapons Support, to PE 0101125F, Nuclear Weapon Modernization, in order to support B61 LEP development.

In FY12, LRSO efforts were transferred from PE 0101122F, Air Launched Cruise Missile, to PE 0101125F, Nuclear Weapon Modernization, in order to support LRSO development.

In FY13, LRSO efforts were transferred from PE 0101125F, Nuclear Weapon Modernization, project number 657008, to PE 0604932F, Long Range Standoff Weapon, project number 657011.

The Cost to Complete and Total Cost for MDAP projects in this program element are documented in the R3. The Cost to Complete and Total Cost on the R2 are entered as "Continuing" and not reflective of the total cost for MDAP projects since the R2 does not account for prior years funding.

A. Mission Description and Budget Item Justification

The purpose of this program element is to conduct and support Air Force and Joint DoD-DOE acquisition activities for the modernization and sustainment of nuclear weapons.

B61 Life Extension Program (LEP) is a joint DoD-DOE effort encompassing feasibility, design, cost, and a down-select effort. DoD leads development and acquisition of B61 Tail Kit Assembly (TKA) as well as integration with current and future aircraft.

The Long Range Stand Off (LRSO) effort will develop a weapon system to replace the Air Force's Air Launched Cruise Missile (ALCM), operational since 1986. The LRSO weapon system will be capable of penetrating and surviving advanced Integrated Air Defense Systems (IADS) from significant stand off range to prosecute strategic targets in support of the Air Force's global attack capability and strategic deterrence core function.

This program is in Budget Activity 5, System Development and Demonstration (SDD), because it is conducting engineering and manufacturing development tasks aimed at meeting validated requirements prior to full-rate production.

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APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0101125F: <i>NUCLEAR WEAPON MODERNIZATION</i>
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B. Program Change Summary (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Previous President's Budget	-	93.867	158.218	-	158.218
Current President's Budget	-	93.867	80.200	-	80.200
Total Adjustments	-	-	-78.018	-	-78.018
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments	-	-	-78.018	-	-78.018

Change Summary Explanation

FY13 -\$39.395M Adjustment - LRSO program start delayed two years. MSA phase activities, including AoA, will remain on track for FY13 completion but delays Technology Development (TD) phase start to FY15

FY13 -\$38.623M Adjustment - B61 program First Production Unit (FPU) delayed two years as directed by Nuclear Weapons Council. To remain synchronized with the DOE schedule, the DoD TD contract award was delayed to 1QFY13.

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force									DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0101125F: NUCLEAR WEAPON MODERNIZATION				PROJECT 657007: B61 LIFE EXTENSION PROGRAM			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
657007: B61 LIFE EXTENSION PROGRAM	-	83.941	80.200	-	80.200	110.223	185.340	156.500	134.500	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

Note

In FY12, B61 Life Extension Program (LEP) efforts were transferred from PE 0604222F, Nuclear Weapons Support, to PE 0101125F, Nuclear Weapon Modernization.

A. Mission Description and Budget Item Justification

B61 Life Extension Program (LEP): The LEP of the B61 gravity weapon will extend the service life of the weapon. Provides leadership, management, and oversight of the Air Force-led, joint Department of Defense (DoD) - Department of Energy (DOE) B61 Project Officer's Group (POG) and the joint DoD-DOE B61 LEP Development Engineering Phase feasibility, design, cost, and down-select study. Program also provides technical oversight of the DOE nuclear package LEP activities; develops weapons trainers, test equipment, tech data, and training for the B61 LEP; and conducts ground and flight tests and support aircraft integration for the B61 LEP. This may include weapon trainers, test equipment, tech data, training and training materials.

This program is in Budget Activity 5, System Development and Demonstration (SDD), because it is conducting engineering and manufacturing development tasks aimed at meeting validated requirements prior to full-rate production.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2011	FY 2012	FY 2013
Title: B61 POG Support	-	4.265	14.541
Description: To meet Air Force statutory requirement to participate in the joint DOE-DoD 6.x nuclear weapons development process through support to and participation in Project Officers Group (POG) activities. Provide technical oversight of the DOE nuclear package LEP activities. Develop qualification, validation and analysis plans. Assess DOE production and manufacturing processes.			
FY 2011 Accomplishments: N/A			
FY 2012 Plans: Provide technical oversight of the DOE nuclear package LEP activities. Support aircraft integration for the B61 LEP. Support the developmental engineering activities for the warhead, ensure system-level integration (all-up round), and begin developmental engineering of trainers and handling gear. Support nuclear certification and technical analysis. Develop qualification, validation and analysis plans.			
FY 2013 Plans:			

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force		DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0101125F: NUCLEAR WEAPON MODERNIZATION	PROJECT 657007: B61 LIFE EXTENSION PROGRAM		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2011	FY 2012	FY 2013
Provide technical oversight of the DOE nuclear package LEP activities. Support aircraft integration for the B61 LEP. Support the developmental engineering activities for the warhead,ensure system-level integration (all-up round), and begin developmental engineering of trainers and handling gear. DOE required environmental flight tests. Support nuclear certification and technical analysis. Conduct aircraft integration operational flight plan (OFP) development. Develop qualification, validation and analysis plans.				
Title: B61 LEP Support Description: Support DoD-DOE B61 LEP effort. Develop and acquire B61 tail kit assembly and ensure integration of B61 LEP onto current and future aircraft. FY 2011 Accomplishments: N/A FY 2012 Plans: Refine proposed materiel solution concepts. Refine acquisition strategy to include program development schedule and cost estimates. Prepare documentation for Technology Development phase exit criteria and Milestone B entrance criteria. FY 2013 Plans: Refine proposed materiel solution concepts. Refine acquisition strategy to include program development schedule and cost estimates. Prepare documentation for Technology Development phase exit criteria and Milestone B entrance criteria.		-	6.904	7.075
Title: Aircraft Integration Description: Accomplishes B61-12 integration with the B-2A and F-15E using a MIL STD 1760D based aircraft/store interface. FY 2011 Accomplishments: N/A FY 2012 Plans: Accomplishes B61-12 integration with the B-2A and F-15E using a MIL STD 1760D based aircraft/store interface. Ensures the logical, electrical, and physical interfaces of the B61-12, B-2A, and F-15E are compatible; as defined in the two-part Interface Control Document (ICD). These integration efforts will ensure that the MIL STD 160 integration and the Tailkit design do not adversely affect B61-12 performance when employed by these aircraft; and supports the operational fielding of the integrated capabilities on these platforms. FY 2013 Plans: Accomplishes B61-12 integration with the B-2A and F-15E using a MIL STD 1760D based aircraft/store interface. Ensures the logical, electrical, and physical interfaces of the B61-12, B-2A, and F-15E are compatible; as defined in the two-part Interface		-	32.550	9.699

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force			DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 5: <i>Development & Demonstration (SDD)</i>		R-1 ITEM NOMENCLATURE PE 0101125F: <i>NUCLEAR WEAPON MODERNIZATION</i>		PROJECT 657007: <i>B61 LIFE EXTENSION PROGRAM</i>	
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2011	FY 2012	FY 2013
Control Document (ICD). These integration efforts will ensure that the MIL STD 160 integration and the Tailkit design do not adversely affect B61-12 performance when employed by these aircraft; and supports the operational fielding of the integrated capabilities on these platforms.					
Title: Tech Development Contract Description: Prime contract for tech development effort to develop, mature, and support the design, integration, verification, validation, test, TKA qualification and All-Up-Round (AUR)(Bomb Assembly (BA)and TKA) system qualification, manufacturing processes, and logistic support plans. FY 2011 Accomplishments: N/A FY 2012 Plans: Supports integration and testing of the B61-12 system and verification of requirements and validation of performance. Establishes and implements practices that ensure the following are met: requirements flow down, requirement allocation to hardware and software, requirements compliance matrix, system performance, reliability, maintainability, product assurance, testability, producibility and supportability. FY 2013 Plans: Supports integration and testing of the B61-12 system and verification of requirements and validation of performance. Establishes and implements practices that ensure the following are met: requirements flow down, requirement allocation to hardware and software, requirements compliance matrix, system performance, reliability, maintainability, product assurance, testability, producibility and supportability.			-	39.301	46.033
Title: Test Support Description: Test support for B61 LEP Tech Development FY 2012 Plans: Test support for B61 Tech Development FY 2013 Plans: Test support for B61 Tech Development			-	0.921	2.852
Accomplishments/Planned Programs Subtotals			-	83.941	80.200

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force										DATE: February 2012	
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0101125F: <i>NUCLEAR WEAPON MODERNIZATION</i>				PROJECT 657007: <i>B61 LIFE EXTENSION PROGRAM</i>			
C. Other Program Funding Summary (\$ in Millions)											
			<u>FY 2013</u>	<u>FY 2013</u>	<u>FY 2013</u>					<u>Cost To</u>	
<u>Line Item</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>Base</u>	<u>OCO</u>	<u>Total</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>Complete</u>	<u>Total Cost</u>
• PE 0604222F, RDT&E: <i>N/A</i>	25.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
D. Acquisition Strategy Full and open competition as approved by the MDA.											
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.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Air Force										DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD)					R-1 ITEM NOMENCLATURE PE 0101125F: NUCLEAR WEAPON MODERNIZATION				PROJECT 657007: B61 LIFE EXTENSION PROGRAM				
Product Development (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
B61 LEP TD Contract	C/TBD	TBD:,	-	39.301	Oct 2012	46.033	Oct 2012	-		46.033	Continuing	Continuing	TBD
Subtotal			-	39.301		46.033		-		46.033			
Support (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Aircraft Integration	MIPR	Various:,	-	31.488	Oct 2012	9.699	Oct 2012	-		9.699	Continuing	Continuing	0.000
Subtotal			-	31.488		9.699		-		9.699			0.000
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test Support for B61 LEP Tech Development	MIPR	RTO:,	-	1.790	Oct 2012	2.852	Oct 2012	-		2.852	Continuing	Continuing	0.000
Subtotal			-	1.790		2.852		-		2.852			0.000
Management Services (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
B61 POG Support	TBD	Not specified.:	-	5.917	Oct 2011	14.541	Oct 2012	-		14.541	Continuing	Continuing	TBD
PMA - Contractor Support	Various	Various:,	-	2.185	Oct 2011	2.210	Oct 2012	-		2.210	0.000	4.395	0.000
PMA - Government Costs	Various	Various:,	-	3.260	Oct 2011	4.865	Oct 2012	-		4.865	0.000	8.125	0.000
Subtotal			-	11.362		21.616		-		21.616			

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Air Force										DATE: February 2012	
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	Total Prior Years Cost	FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	83.941		80.200		-		80.200			

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0101125F: NUCLEAR WEAPON MODERNIZATION	PROJECT 657007: B61 LIFE EXTENSION PROGRAM

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 Air Force			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0101125F: <i>NUCLEAR WEAPON MODERNIZATION</i>	PROJECT 657007: <i>B61 LIFE EXTENSION PROGRAM</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Combined Materiel Development Decision / Milestone A Decision	2	2012	2	2012
Technology Development Contract	1	2013	4	2015

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force									DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0101125F: NUCLEAR WEAPON MODERNIZATION				PROJECT 657008: LONG RANGE STAND-OFF			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
657008: LONG RANGE STAND-OFF	-	9.926	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

Note

In FY2012 LRSO efforts were transferred from PE 0101122F, Air Launched Cruise Missile, project number 674797, to PE 0101125F, Nuclear Weapon Modernization, project number 657008 in order to support LRSO development.

In FY2013 LRSO efforts were transferred from PE 0101125F, Nuclear Weapon Modernization, project number 657008, to PE 0604932F, Long Range Stand Off, project number 657011, in order to support LRSO development.

A. Mission Description and Budget Item Justification

The Long Range Stand Off (LRSO) effort will develop a weapon system to replace the Air Force's Air Launched Cruise Missile (ALCM), operational since 1986. The LRSO weapon system will be capable of penetrating and surviving advanced Integrated Air Defense Systems (IADS) from significant stand off range to prosecute strategic targets in support of the Air Force's global attack capability and strategic deterrence core function.

This program is in Budget Activity 5, System Development and Demonstration (SDD), because it is conducting engineering and manufacturing development tasks aimed at meeting validated requirements prior to full-rate production.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2011	FY 2012	FY 2013
Title: Materiel Solution Analysis (MSA) & AoA	-	9.926	-
Description: Conduct LRSO MSA/AoA activities.			
FY 2011 Accomplishments: Effort moved from Air Launched Cruise Missile PE 0101122F in FY12			
FY 2012 Plans: Accomplish LRSO AoA. Activities include: Concept refinement, technology analyses, modeling and simulation support, engineering studies, program cost and schedule estimation, acquisition strategy development, risk reduction efforts, initial requirements definition, Milestone A preparation to include development of MSA exit/Technology Development (TD) entrance documentation.			
FY 2013 Plans:			

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Air Force										DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0101125F: <i>NUCLEAR WEAPON MODERNIZATION</i>				PROJECT 657008: <i>LONG RANGE STAND-OFF</i>				
B. Accomplishments/Planned Programs (\$ in Millions)										FY 2011	FY 2012	FY 2013
Effort moved to PE 64932F - Long Range Standoff Weapon												
Accomplishments/Planned Programs Subtotals										-	9.926	-
C. Other Program Funding Summary (\$ in Millions)												
Line Item	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost	
• PE 0101122F, RDT&E: <i>Air Launched Cruise Missile</i>	3.197	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing	
• PE 0604392F, RDT&E: <i>Long Range Standoff Weapon</i>	0.000	0.000	2.004	0.000	2.004	5.000	41.698	209.082	352.932	Continuing	Continuing	
D. Acquisition Strategy Development of the LRSO acquisition/contract strategy continues to evolve pending the completion of the AoA and the evaluation of alternative weapon system concepts.												
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.												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Air Force											DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0101125F: NUCLEAR WEAPON MODERNIZATION				PROJECT 657008: LONG RANGE STAND-OFF					

Product Development (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	-		-		-		-	0.000	0.000	0.000

Support (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Matériel Solution Analysis Phase Activities	Various	Various:Various,	-	8.067	Dec 2011	-		-		-	Continuing	Continuing	TBD
Subtotal			-	8.067		-		-		-			

Remarks

In FY11, LRSO efforts were funded in PE 0101122F, Air Launched Cruise Missile, project number 674797.

In FY13, LRSO efforts were transferred from PE 0101125F, Nuclear Weapon Modernization, project number 657008, to PE 0604932F, Long Range Stand Off, project number 657011.

Test and Evaluation (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	-		-		-		-	0.000	0.000	0.000

Management Services (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Administration	Various	Various:,	-	1.859	Dec 2011	-		-		-	Continuing	Continuing	TBD
Subtotal			-	1.859		-		-		-			

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Air Force								DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0101125F: NUCLEAR WEAPON MODERNIZATION				PROJECT 657008: LONG RANGE STAND-OFF			
	Total Prior Years Cost	FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	9.926		-		-		-			

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Air Force		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0101125F: <i>NUCLEAR WEAPON MODERNIZATION</i>	PROJECT 657008: <i>LONG RANGE STAND-OFF</i>

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 Air Force

DATE: February 2012

APPROPRIATION/BUDGET ACTIVITY

3600: *Research, Development, Test & Evaluation, Air Force*
BA 5: *Development & Demonstration (SDD)*

R-1 ITEM NOMENCLATURE

PE 0101125F: *NUCLEAR WEAPON
MODERNIZATION*

PROJECT

657008: *LONG RANGE STAND-OFF*

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Materiel Development Decision Preparation	1	2011	4	2011
Materiel Development Decision	4	2011	4	2011
Materiel Solutions Analysis Phase	4	2011	2	2013