

# UNCLASSIFIED

**Exhibit R-2, RDT&E Budget Item Justification:** PB 2012 Air Force **DATE:** February 2011

APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>				PE 0604329F: <i>Small Diameter Bomb</i>							
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
Total Program Element	150.082	153.505	132.891	-	132.891	124.626	104.357	77.714	40.864	Continuing	Continuing
655191: <i>SDB Increment II</i>	150.082	153.505	132.891	-	132.891	124.626	104.357	77.714	40.864	Continuing	Continuing

## Note

\*Totals include funding from PRCP Program Number 439, SDBII

## A. Mission Description and Budget Item Justification

Small Diameter Bomb Increment II (SDB II) is a joint program, with the Air Force (AF) as the lead service, which provides the warfighter a capability to attack mobile targets from stand-off, in weather. SDB II addresses the following warfighter requirements: attack mobile targets, adverse weather operations, multiple kills per pass, multiple ordnance carriage, precision munitions capability, capability against fixed targets, reduced munitions footprint, increased weapons effectiveness, minimized potential for collateral damage, reduced susceptibility of munitions to countermeasures and provides a net-centric ops capability. The threshold aircraft for the AF is the F-15E, and the threshold aircrafts for the Navy are the F-35B and F-35C. SDB II will be compatible with the BRU-61/A miniature munitions carriage and the SDB I container systems.

Small Diameter Bomb Increment II (SDB II) completed a 42-month competitive Risk Reduction phase in October 2009. Milestone B approval to enter the Engineering and Manufacturing Development (EMD) phase was received on 29 July 2010 and the subsequent Acquisition Program Baseline was signed on 08 October 2010. An EMD contract was awarded on 09 August 2010 to deliver a design that attacks mobile targets from standoff, in weather. Required Assets Available (RAA) on the F-15E is planned to be completed by January 2017. The Navy Initial Operating Capability (IOC) on the F-35B and F-35C is planned to be completed by June 2019. While the complete hardware and software for normal attack, Coordinate Attack (CA), and Semi-Active Laser (SAL) attack will be developed and in place, the normal attack capability will be verified and released first to accelerate capability to the warfighter. Full capability will be delivered in FY 2017 after verification of CA and SAL capability. Objective aircraft include the F-22, F-16, F-35A, B-2, A-10, MQ-9, B-1, B-52, and the F/A-18 E/F. SDB II will continue development to pursue network centric interoperability. SDB II is a key component of the Air Force's Global Strike Task Force CONOPs.

Prior Years funding estimate is \$365.037M. The To Complete funding estimate is \$433.650M.

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

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APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE				
3600: Research, Development, Test & Evaluation, Air Force		PE 0604329F: Small Diameter Bomb				
BA 5: Development & Demonstration (SDD)						
B. Program Change Summary (\$ in Millions)		FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Previous President's Budget		155.415	153.505	162.393	-	162.393
Current President's Budget		150.082	153.505	132.891	-	132.891
Total Adjustments		-5.333	-	-29.502	-	-29.502
• Congressional General Reductions			-			
• Congressional Directed Reductions			-			
• Congressional Rescissions		-	-			
• Congressional Adds			-			
• Congressional Directed Transfers			-			
• Reprogrammings		-	-			
• SBIR/STTR Transfer		-4.685	-			
• Other Adjustments		-0.648	-	-29.502	-	-29.502
Change Summary Explanation						
FY12 Other Adjustments:						
1) \$-29.503M for higher Air Force priorities						

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force									DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604329F: Small Diameter Bomb				PROJECT 655191: SDB Increment II			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
655191: SDB Increment II	150.082	153.505	132.891	-	132.891	124.626	104.357	77.714	40.864	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

## A. Mission Description and Budget Item Justification

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Small Diameter Bomb Increment II (SDB II) completed a 42-month competitive Risk Reduction phase in October 2009. Milestone B approval to enter the Engineering and Manufacturing Development (EMD) phase was received on 29 July 2010 and the subsequent Acquisition Program Baseline was signed on 08 October 2010. An EMD contract was awarded on 09 August 2010 to deliver a design that attacks mobile targets from standoff, in weather. Required Assets Available (RAA) on the F-15E is planned to be completed by January 2017. The Navy Initial Operating Capability (IOC) on the F-35B and F-35C is planned to be completed by June 2019. While the complete hardware and software for normal attack, Coordinate Attack (CA), and Semi-Active Laser (SAL) attack will be developed and in place, the normal attack capability will be verified and released first to accelerate capability to the warfighter. Full capability will be delivered in FY 2017 after verification of CA and SAL capability. Objective aircraft include the F-22, F-16, F-35A, B-2, A-10, MQ-9, B-1, B-52, and the F/A-18 E/F. SDB II will continue development to pursue network centric interoperability. SDB II is a key component of the Air Force's Global Strike Task Force CONOPs.

Prior Years funding estimate is \$365.037M. The To Complete funding estimate is \$433.650M.

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

	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012 Base</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>
<b>Title:</b> Development	120.478	110.611	109.897	-	109.897
<b>Description:</b> Engineering and Manufacturing Development (EMD): Development of SDB II design that delivers the capability described in the SDB II Capability Development Document (CDD) as specified in the government					

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force			DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0604329F: Small Diameter Bomb	PROJECT 655191: SDB Increment II				
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
approved SDB II System Performance Specification (SPS) and prepare for production, deployment, and sustainment.  <b>FY 2010 Accomplishments:</b> Awarded SDB II EMD contract. Began Integrated Systems Design (ISD) activities to support a Critical Design Review (CDR) in early 2011. ISD verifies that the integrated SDB II components deliver the system capability as specified. Began related activities including: modeling and verification of system reliability; planning and executing interface activities with the threshold aircraft, BRU-61/A carriage, mission planning systems, weapon data link network, and common munitions built-in-test/reprogramming equipment (CMBRE); definition of laboratory, ground, and flight test activities; and planning for a formal Verification, Validation, and Accreditation (VV&A) of the Integrated Flight Simulation.  <b>FY 2011 Plans:</b> Completed Integrated Baseline Review (IBR) on the EMD prime contract in November 2010. Complete IBR at major subcontractor. Conduct the SDB II CDR. Continue ISD activities and deliver the first all-up-round (AUR). Activities include, but are not limited to designing, developing, and verifying production capability that delivers production quantities while ensuring the “as built” items conform to the EMD design and meet SPS requirements.  <b>FY 2012 Base Plans:</b> Continue ISD activity and deliver the first all-up-round (AUR). The first AUR will be used to initiate developmental testing (DT) for the SDB II Normal Attack Mode. Begin reliability testing with a Captive Carry Reliability Test (CCRT) program. Activities include, but are not limited to, designing, developing, and verifying production capability that delivers production quantities while ensuring the “as built” items conform to the EMD design and meet SPS requirements.  <b>FY 2012 OCO Plans:</b>						
<b>Title:</b> Integration and Qualification Testing  <b>Description:</b> F-15E aircraft Integration - Aircraft integration incorporates tests and targets, modeling and simulation (M&S), target lethality, data link and mission planning. Develop Suite 7E Operational Flight Program (OFP) upgrade to provide the capability to program the weapon with mission planned targets, weapon data link control, and exclusion zone information prior to launch of the weapon. It also allows the aircrew to make in-flight edits of target and weapon data link programming if/when required based on employment scenarios.		23.643	40.669	20.899	-	20.899

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force			DATE: February 2011			
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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
<b>FY 2010 Accomplishments:</b> Prepared for FY11 Critical Design Review. Conducted software coding and integration test and electronic systems integration lab. Continue F-15E OFP upgrade to enable aircrew capability to make in-flight cockpit edits of targeting and weapon data link programming if/when required based on the employment scenarios. Procured targets to support DT. Commenced support for datalink encryption, Joint Interoperability Test Command (JITC) support and weapons datalink key management software to distribute National Security Agency (NSA) certified encryption key data to the mission planning environment to secure weapon data link terminal for post-release communications. Provided Aviation and Missile Research Development and Engineering Center (AMRDEC) support and Synthetic Background development required for DT/OT pre and post-flight analysis, Scenario Weapon Effectiveness (SWE)/Weapon Effectiveness (WE) high fidelity performance predictions, M&S VV&A, and requirements verification. Continued to develop mission planning interfaces for the weapon.						
<b>FY 2011 Plans:</b> Conduct flight and ground testing. Continue F-15E OFP upgrades. Continue target acquisition to support testing. Conduct Advanced Joint Effectiveness Model (AJEM) lethality modeling and testing. Continue collaboration with NSA and JITC on weapon datalink key managements software. AMRDEC support is used for modeling and simulation tasks and VV&A. Plan development/modification of an Air and Space Operations Center software application to transmit data link network tasking. Continue to develop mission planning interfaces for the weapon.						
<b>FY 2012 Base Plans:</b> Continue to conduct ground and flight testing. Continue collaboration with NSA and JITC on weapon datalink key managements software. Continue to develop/modify Air and Space Operations Center software application to transmit data link network tasking. Continue to develop mission planning interfaces for the weapon.						
<b>FY 2012 OCO Plans:</b>						
<b>Title:</b> Management		4.361	2.225	2.095	-	2.095
<b>Description:</b> Provide support for SDB II program office to conduct operations to accomplish its mission. This includes, but is not limited to, Advisory and Assistance Support (A&AS) for technical and managerial support, and program management administration for travel and miscellaneous supplies. The SDB II Program Office at Eglin Air Force Base will act as the Single Manager for the entire life cycle of the SDB II weapon system.						
<b>FY 2010 Accomplishments:</b>						

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Continued support for Program Office to conduct operations to accomplish its mission. Provided support required to complete source selection, achieve a Milestone B decision, and award EMD contract.  <b>FY 2011 Plans:</b> Continue support for Program Office to conduct operations to accomplish its mission. Provide support required to complete a CDR and IBR.  <b>FY 2012 Base Plans:</b> Continue support for Program Office to conduct operations to accomplish its mission.  <b>FY 2012 OCO Plans:</b>						
<b>Title:</b> MPACT High Pressure Air Compressor  <b>Description:</b> Development and qualification of the MPACT High Pressure Air Compressor system as an alternate compressor system for the SDB weapon system. Conduct assembly and system level qualification testing as a continuation of the Phase I contract. The MPACT assembly testing is required to verify it meets all interface and performance requirements to serve as a replacement for the existing BRU-61/A compressor assembly.  <b>FY 2010 Accomplishments:</b> Completed assembly level MPACT qualification testing for the Phase I compressor including the natural and induced environments associated with operational, storage, and transportation conditions associated with the use and employment on the F-15E aircraft. Demonstrated the MPACT compressor performance when integrated into a BRU-61/A at various pressure altitude/temperature combinations up to 60,000 feet MSL. Conducted requirements and readiness reviews for qualification and flight testing to the extent of work performed.  <b>FY 2011 Plans:</b> Not Applicable  <b>FY 2012 Base Plans:</b> Not applicable.  <b>FY 2012 OCO Plans:</b>		1.600	-	-	-	-
Accomplishments/Planned Programs Subtotals		150.082	153.505	132.891	-	132.891

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2012 Air Force			<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604329F: <i>Small Diameter Bomb</i>	<b>PROJECT</b> 655191: <i>SDB Increment II</i>	

**C. Other Program Funding Summary (\$ in Millions)**

<u>Line Item</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u> <u>Base</u>	<u>FY 2012</u> <u>OCO</u>	<u>FY 2012</u> <u>Total</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• PE 0207327F: <i>Small Diameter Bomb II, Missile Procurement, AF</i>	0.000	0.000	0.000	0.000	0.000	45.940	83.006	123.602	136.320	Continuing	Continuing
• PE 0604329N: <i>Small Diameter Bomb II, RDT&amp;E, Navy</i>	11.494	44.091	47.635	0.000	47.635	45.883	69.616	94.210	78.209	Continuing	Continuing
• PE 0204162N: <i>Small Diameter Bomb II, Weapon Procurement, Navy</i>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.244	Continuing	Continuing

**D. Acquisition Strategy**

The SDB II Engineering and Manufacturing Development (EMD) contract was awarded using competitive procedures. At the completion of the 42-month Risk Reduction phase in October 2009, one contractor was selected in April 2010 and awarded the EMD contract on 9 August 2010. The EMD contract is a Fixed-Price Incentive Firm Target (FPIF) contract with priced production options for the first five production lots. SDB II Production Lots 1-3 are FPIF. Production Lots 4-5 are fixed price not-to-exceed pricing with an economic price adjustment clause for labor and materials. These lots will be negotiated to firm fixed prices prior to the Lot 4 period of performance based on certified cost or pricing data proposals. The Government is buying the SDB II based on the contractor System Performance Specification (SPS). The contractor is accountable for system performance and a system warranty as defined in the SPS. Accordingly, the contractor is accountable to the Government for the design of the weapon system, as well as the planning and execution of the Development Test & Evaluation (DT&E) program to verify the system performance. The Government formally arranges and funds the use of Government flight test support for DT&E.

**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 2012 Air Force										DATE: February 2011	
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604329F: Small Diameter Bomb				PROJECT 655191: SDB Increment II			

<b>Product Development (\$ in Millions)</b>				<b>FY 2011</b>		<b>FY 2012 Base</b>		<b>FY 2012 OCO</b>		<b>FY 2012 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Total Prior Years Cost</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Risk Reduction Contract 1	C/CPFF	Boeing:St. Louis, MO	151.632	-		-		-		-	0.000	151.632	151.632
Risk Reduction Contract 2	C/CPFF	Raytheon:Tucson, AZ	151.632	-		-		-		-	0.000	151.632	151.632
EMD Contract	C/TBD	Raytheon:Tucson, AZ	98.500	96.939	Dec 2010	79.749	Dec 2011	-		79.749	209.005	484.193	401.329
MPACT High Pressure Air Compressor System	SS/FFP	Boeing:St. Charles, MO	3.200	-		-		-		-	0.000	3.200	3.200
F-15E Integration and Test Support	SS/Various	Boeing:St. Louis, MO	29.424	4.502	Mar 2011	3.390	Mar 2012	-		3.390	8.297	45.613	45.613
BRU-61/A Integration and Test Support	SS/Various	Boeing:St. Louis, MO	3.372	0.467	Feb 2011	0.391	Oct 2011	-		0.391	0.000	4.230	4.230
Mission Planning	Various	Various:Various,	3.000	6.601	Jan 2011	3.330	Jan 2012	-		3.330	0.868	13.799	13.799
Data Link Integration & Support	Various	Various:Various,	-	0.012	Jan 2011	2.091	Jan 2012	-		2.091	6.384	8.487	8.487
System Performance & Lethality	Various	Various:Various,	2.218	7.695	Jan 2011	2.622	Jan 2012	-		2.622	4.195	16.730	16.730
Other Product Development	Various	Various:Various,	22.089	3.341	Mar 2011	20.558	Mar 2012	-		20.558	123.207	169.195	169.195
<b>Subtotal</b>			465.067	119.557		112.131		-		112.131	351.956	1,048.711	965.847

**Remarks**

The EMD contract budget and Target Value differ due to:

- 1) EMD contract is budgeted to the contract ceiling price.
- 2) EMD contract budget includes funding for 28 additional developmental tests identified during Milestone B. The addition of the tests requires a modification to the contract and thus is not included in the current Target Value.

The EMD Target Value includes AF funding only. The target value for the contract including Navy funding is \$450.827.

<b>Support (\$ in Millions)</b>				<b>FY 2011</b>		<b>FY 2012 Base</b>		<b>FY 2012 OCO</b>		<b>FY 2012 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Total Prior Years Cost</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Other Government Costs	Various	Various:Various,	20.068	11.589		10.045		-		10.045	32.631	74.333	74.333
<b>Subtotal</b>			20.068	11.589		10.045		-		10.045	32.631	74.333	74.333

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Air Force											DATE: February 2011			
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Support (\$ in Millions)					FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 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	
Remarks None.														
Test and Evaluation (\$ in Millions)					FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 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	
DT&E	PO	46 TW:Eglin AFB, FL	0.521	9.878	Mar 2011	7.108	Mar 2011	-		7.108	38.481	55.988	55.988	
Targets	PO	Various:Various,	3.706	9.206	May 2011	0.234	May 2012	-		0.234	3.051	16.197	16.197	
Other Test Support	Various	Various:Various,	7.436	1.049	Dec 2010	1.278	Dec 2011	-		1.278	4.665	14.428	14.428	
Subtotal			11.663	20.133		8.620		-		8.620	46.197	86.613	86.613	
Remarks None.														
Management Services (\$ in Millions)					FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 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	
Technical Acquisition Management Support (TAMS)	Various	COLSA Corp:Eglin AFB, FL	0.516	0.266	Mar 2011	0.260	Mar 2012	-		0.260	0.280	1.322	1.322	
Technical and Engineering Acquisition Support (TEAS)	Various	Jacobs Technology:Eglin AFB, FL	13.858	0.429	Apr 2011	0.270	Apr 2012	-		0.270	0.000	14.557	14.557	
Program Management Administration (PMA)	Various	Various:Eglin AFB, FL	3.947	1.531	Oct 2010	1.565	Oct 2011	-		1.565	2.586	9.629	9.629	
Subtotal			18.321	2.226		2.095		-		2.095	2.866	25.508	25.508	
Remarks The EMD contract budget and Target Value differ due to: 1) EMD contract is budgeted to the contract ceiling price.														

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2012 Air Force											<b>DATE:</b> February 2011		
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<b>Management Services (\$ in Millions)</b>				<b>FY 2011</b>		<b>FY 2012 Base</b>		<b>FY 2012 OCO</b>		<b>FY 2012 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Total Prior Years Cost</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
2) EMD contract budget includes funding for 28 additional developmental tests identified during Milestone B. The addition of the tests requires a modification to the contract and thus is not included in the current Target Value.  The EMD Target Value includes AF funding only. The target value for the contract including Navy funding is \$450.827.													
			<b>Total Prior Years Cost</b>	<b>FY 2011</b>		<b>FY 2012 Base</b>		<b>FY 2012 OCO</b>		<b>FY 2012 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>			515.119	153.505		132.891		-		132.891	433.650	1,235.165	1,152.301

  

<b>Remarks</b>
None.

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Air Force		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0604329F: <i>Small Diameter Bomb</i>	PROJECT 655191: <i>SDB Increment II</i>

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2012 Air Force			<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0604329F: <i>Small Diameter Bomb</i>	<b>PROJECT</b> 655191: <i>SDB Increment II</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
F-15E Integration and Testing (Normal Attack)	1	2010	4	2016
BRU-61/A Support	1	2010	2	2012
Milestone B	4	2010	4	2010
EMD Contract Award	4	2010	4	2010
Critical Design Review	2	2011	2	2011
Developmental Testing (Normal Attack)	1	2011	4	2016
Milestone C	4	2013	4	2013

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