

UNCLASSIFIED

PE NUMBER: 0604329F
 PE TITLE: Small Diameter Bomb

Exhibit R-2, RDT&E Budget Item Justification	DATE February 2007
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BUDGET ACTIVITY 05 System Development and Demonstration (SDD)	PE NUMBER AND TITLE 0604329F Small Diameter Bomb
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Cost (\$ in Millions)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total
Total Program Element (PE) Cost	64.474	105.481	145.191	125.112	129.864	77.850	79.366	80.989	156.905	1,284.391
5006 Small Diameter Bomb	36.334	15.105	0.000	0.000	0.000	0.000	0.000	0.000	0.000	370.598
5191 Small Diameter Bomb Increment II	25.140	90.376	145.191	125.112	129.864	77.850	79.366	80.989	156.905	910.793
5258 Focused Lethality Munition (FLM)	3.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.000

(U) A. Mission Description and Budget Item Justification

Small Diameter Bomb Increment I (SDB I) is an Air Force ACAT 1C program providing increased kills per sortie on current and future aircraft platforms. SDB I addresses the following warfighter requirements: multiple kills per pass; multiple ordnance carriage; adverse weather operations, near-precision munitions capability; capability against fixed targets; reduced munitions footprint; increased weapons effectiveness; minimized potential for collateral damage; and reduced susceptibility of munitions to countermeasures. Threshold aircraft is the F-15E. Objective aircraft include the B-1, B-2, A-10, Joint Strike Fighter (JSF), F-22A, F-16, B-52, and the Predator B. SDB I completed IOT&E in June 2006 and is currently in Full Rate Production (FRP).

The government is buying SDB I based on a contractor-developed, government-approved System Performance Specification (SPS) which became contractually binding at contract award. The contractor will assume performance responsibility as defined in the SPS and warrants system performance for 20 years. Accordingly, the contractor is responsible not only for the design of the missile system, but also for planning and executing the seamless verification program to verify the system performance. In its role as facilitator and advisor to the contractor, the government formally arranges and funds the use of government flight test support for testing. Although funded by the government, flight test support funds are part of the negotiated commitment between the contractor and the government ensuring the contractor is able to execute the test program according to the scope of the SDD contract.

This program is in Budget Activity 5 - System Development and Demonstration (SDD) because this RDT&E effort develops the Small Diameter Bomb weapon system.

Small Diameter Bomb Increment II (SDB II) is a joint interest program providing 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, near-precision munitions capability, capability against fixed targets, reduced munitions footprint, increased weapons effectiveness, minimized potential for collateral damage, and provides a migration path to net-centric ops capability. Threshold aircraft are the F-15E for the US Air Force and the F-35 B/C for the US Navy (RAA FY16). Objective aircraft include: F-22A, F-35A, F-16, A-10, MQ-9, B-1, B-2, B-52, and the F/A-18. SDB II will be compatible with the BRU-61 miniature munitions carriage system and SDB I container system. SDB II began Risk Reduction in FY06 and Milestone B is scheduled in FY10. Milestone C is planned for FY13 followed by RAA on the F-15E in FY14.

SDB will continue incremental development to include pursuing network Centric interoperability. SDB is a key component of the Air Force's Global Strike Task

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BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604329F Small Diameter Bomb

Force CONOP.

Small Diameter Bomb (SDB) Focused Lethality Munition (FLM): is a Joint Capabilities Technology Demonstrations (JCTD) program to increase the near field blast but decrease collateral damage, thus giving increased options to the war fighter. Extends access to targets restricted by collateral damage limitations.

The technical approach is to combine and leverage 4 technologies: 1) MBX-1209 Multi-phase Blast Explosive (MBX) increases Near-Field Blast Impulse over SDB I, reduces collateral damage in far-field and allows designer to approximate SDB I weight & balance 2) A carbon fiber warhead case reduces to tiny non-lethal fibers upon fill detonation, minimizing fragmentation effects to personnel & property 3) Using SDB I hardware except warhead and approximating SDB I longitudinal center of gravity, minor weapon OFP changes allow it to leverage SDB I accuracy 4) Remains compatible with BRU-61 miniature munition carriage and SDB I container system.

(U) B. Program Change Summary (\$ in Millions)

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Previous President's Budget	63.521	104.080	143.723	123.533
(U) Current PBR/President's Budget	64.474	105.481	145.191	125.112
(U) Total Adjustments	0.953			
(U) Congressional Program Reductions	0.000			
Congressional Rescissions	-0.002	-0.399		
Congressional Increases	0.000	1.800		
Reprogrammings	2.668			
SBIR/STTR Transfer	-1.713			
(U) <u>Significant Program Changes:</u>				
N/A				

Exhibit R-2a, RDT&E Project Justification

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BUDGET ACTIVITY 05 System Development and Demonstration (SDD)				PE NUMBER AND TITLE 0604329F Small Diameter Bomb				PROJECT NUMBER AND TITLE 5006 Small Diameter Bomb			
Cost (\$ in Millions)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total	
5006 Small Diameter Bomb	36.334	15.105	0.000	0.000	0.000	0.000	0.000	0.000	0.000	370.598	
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0			

(U) A. Mission Description and Budget Item Justification

Small Diameter Bomb Increment I (SDB I) is an Air Force ACAT 1C program providing increased kills per sortie on current and future aircraft platforms. SDB I addresses the following warfighter requirements: multiple kills per pass; multiple ordnance carriage; adverse weather operations, near-precision munitions capability; capability against fixed targets; reduced munitions footprint; increased weapons effectiveness; minimized potential for collateral damage; and reduced susceptibility of munitions to countermeasures. Threshold aircraft is the F-15E. Objective aircraft include the B-1, B-2, A-10, Joint Strike Fighter (JSF), F-22A, F-16, B-52, and the Predator B. SDB I completed IOT&E in June 2006 and is currently in Full Rate Production (FRP).

The government is buying SDB I based on a contractor-developed, government-approved System Performance Specification (SPS) which became contractually binding at contract award. The contractor will assume performance responsibility as defined in the SPS and warrants system performance for 20 years. Accordingly, the contractor is responsible not only for the design of the missile system, but also for planning and executing the seamless verification program to verify the system performance. In its role as facilitator and advisor to the contractor, the government formally arranges and funds the use of government flight test support for testing. Although funded by the government, flight test support funds are part of the negotiated commitment between the contractor and the government ensuring the contractor is able to execute the test program according to the scope of the SDD contract.

This program is in Budget Activity 5 - System Development and Demonstration (SDD) because this RDT&E effort develops the Small Diameter Bomb weapon system.

(U) B. Accomplishments/Planned Program (\$ in Millions)

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Continue aircraft integration.	0.899	1.734	0.000	0.000
(U) Continue program office support.	0.590	0.240	0.000	0.000
(U) Continue mission support.	0.266	0.361	0.000	0.000
(U) Continue System Development and Demonstration (SDD) phase for fixed target variant.	31.946	12.770	0.000	0.000
(U) Continue SDD testing and continue test support.	2.633	0.000	0.000	0.000
(U) Total Cost	36.334	15.105	0.000	0.000

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

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>Cost to</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Complete</u>							
(U) Missile Procurement, AF, 0207327F, App 3020	52.209	98.669	95.297	148.142	165.658	138.347	140.818	143.706	101.191	1,113.159

Exhibit R-2a, RDT&E Project Justification

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BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604329F Small Diameter Bomb

PROJECT NUMBER AND TITLE

5006 Small Diameter Bomb

(U) **D. Acquisition Strategy**

All major contracts within this Program Element have been awarded through full and open competition. Two contractors were selected for the 24 month CAD phase using Firm Fixed Price contracts. The Air Force downselected to Boeing in August 2003. SDD is a fixed target variant with near precision and significant weapon effectiveness. SDD is a Cost Plus Award Fee contract.

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Exhibit R-3, RDT&E Project Cost Analysis

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BUDGET ACTIVITY										PE NUMBER AND TITLE		PROJECT NUMBER AND TITLE			
05 System Development and Demonstration (SDD)										0604329F Small Diameter Bomb		5006 Small Diameter Bomb			
(U) <u>Cost Categories</u> (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract Method & Type</u>	<u>Performing Activity & Location</u>	<u>Total Prior to FY 2006 Cost</u>	<u>FY 2006 Cost</u>	<u>FY 2006 Award Date</u>	<u>FY 2007 Cost</u>	<u>FY 2007 Award Date</u>	<u>FY 2008 Cost</u>	<u>FY 2008 Award Date</u>	<u>FY 2009 Cost</u>	<u>FY 2009 Award Date</u>	<u>Cost to Complete</u>	<u>Total Cost</u>	<u>Target Value of Contract</u>	
(U) <u>Product Development</u>															
CAD Contract 1	FFP	Lockheed Martin, Orlando FL	53.616									0.000	53.616	53.616	
CAD Contract 2	FFP	Boeing, St Louis MO	53.616									0.000	53.616	53.616	
SDD Baseline Contract	CPAF	Boeing, St Louis MO	165.820	31.944	Oct-03	12.770	Oct-03					0.000	210.534	210.534	
Subtotal Product Development			273.052	31.944		12.770		0.000		0.000		0.000	317.766	317.766	
Remarks:															
(U) <u>Support</u>															
F-15 SPO	PO (In-House)	Wright Patterson AFB, OH	15.026	0.592	N/A	1.539	N/A					0.000	17.157	17.157	
Other A/C SPOs	PO (In-House)	Wright Patterson AFB, OH	1.665	0.307	N/A	0.195	N/A					0.000	2.167	2.167	
Sverdrup Inc.	C/CPAF	Eglin AFB, FL	6.674	0.590	Jun-01	0.240	Jun-01					0.000	7.504	7.504	
Other	Misc	Various	5.755	0.161	N/A	0.061	N/A					0.000	5.977	5.977	
Subtotal Support			29.120	1.650		2.035		0.000		0.000		0.000	32.805	32.805	
Remarks:															
(U) <u>Test & Evaluation</u>															
46 TW	PO (In-House)	Eglin AFB, FL	15.322	2.635	N/A	0.000	N/A					0.000	17.957	17.957	
Subtotal Test & Evaluation			15.322	2.635		0.000		0.000		0.000		0.000	17.957	17.957	
Remarks:															
(U) <u>Management</u>															
COLSA	C/CPAF	Eglin AFB, FL	1.665	0.105	Aug-05	0.300	Aug-05					0.000	2.070	2.070	
Subtotal Management			1.665	0.105		0.300		0.000		0.000		0.000	2.070	2.070	
Remarks:															
(U) Total Cost			319.159	36.334		15.105		0.000		0.000		0.000	370.598	370.598	

Exhibit R-4a, RDT&E Schedule Detail

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BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604329F Small Diameter Bomb

PROJECT NUMBER AND TITLE

5006 Small Diameter Bomb

(U) Schedule Profile

(U) Lot 2 Award

(U) F-15E RAA

(U) Lot 3 FRP Award

(U) Lot 4 Award

(U) Lot 5 Award

FY 2006

1Q

4Q

FY 2007

1Q

FY 2008

1Q

FY 2009

1Q

Exhibit R-2a, RDT&E Project Justification

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BUDGET ACTIVITY 05 System Development and Demonstration (SDD)					PE NUMBER AND TITLE 0604329F Small Diameter Bomb			PROJECT NUMBER AND TITLE 5191 Small Diameter Bomb Increment II		
Cost (\$ in Millions)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total
5191 Small Diameter Bomb Increment II	25.140	90.376	145.191	125.112	129.864	77.850	79.366	80.989	156.905	910.793
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0		

(U) A. Mission Description and Budget Item Justification

Small Diameter Bomb Increment II (SDB II) is a joint interest program providing 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, near-precision munitions capability, capability against fixed targets, reduced munitions footprint, increased weapons effectiveness, minimized potential for collateral damage, and provides a migration path to net-centric ops capability. Threshold aircraft are the F-15E for the US Air Force and the F-35 B/C for the US Navy (RAA FY16). Objective aircraft include: F-22A, F-35A, F-16, A-10, MQ-9, B-1, B-2, B-52, and the F/A-18. SDB II will be compatible with the BRU-61 miniature munitions carriage and the SDB I container systems. SDB II began Risk Reduction in FY06 and Milestone B is scheduled in FY10. Milestone C is planned for FY13 followed by RAA on the F-15E in FY14.

SDB will continue incremental development to include pursuing network Centric interoperability. SDB is a key component of the Air Force's Global Strike Task Force CONOP.

(U) B. Accomplishments/Planned Program (\$ in Millions)

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) SDB II Risk Reduction	18.658	79.294	130.822	113.410
(U) Aircraft Integration	1.990	3.067	6.311	3.489
(U) Program Office Support	4.492	8.015	8.058	8.213
(U) Total Cost	25.140	90.376	145.191	125.112

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

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>Cost to</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Complete</u>							
(U) RDT&E,N	11.655	9.983	9.832	9.818	10.168	10.250	35.250	40.905	94.373	232.234
(Includes F-35 B/C Integration and Support Cost)										

(U) D. Acquisition Strategy

All major contracts within this Program Element were awarded through full and open competition. Two contractors were selected for a 42 month Risk Reduction phase using Cost Plus Fixed Fee contracts. Downselect to one contractor will occur prior to System Development and Demonstration (SDD). SDD will be a Cost Plus Fixed Fee with performance incentives. This approach allows higher risk, less mature technologies to be fielded in an evolutionary fashion. Limited US Navy funding and resources may support the Risk Reduction phase.

Exhibit R-2a, RDT&E Project Justification		DATE February 2007
BUDGET ACTIVITY 05 System Development and Demonstration (SDD)	PE NUMBER AND TITLE 0604329F Small Diameter Bomb	PROJECT NUMBER AND TITLE 5191 Small Diameter Bomb Increment II

The Government is buying the SDB II based on contractor-developed System Performance Specification (SPS) which will become contractually binding at downselect. The contractor will be accountable for system performance as defined in the SPS and may include a system warranty. Accordingly, the contractor is responsible not only for the design of the weapon system, but also for planning and executing the Development Test and 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. Although funded by the Government, flight test support funds are part of the negotiated commitment between the contractor and the Government ensuring the contractor is able to execute the DT&E Program according to the scope of the RR/SDD contract.

Note: SDB II program Aquisition Strategy and funding adjusted to incorporate GAO recommendation. (B295402, 18 Feb 05)

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Exhibit R-3, RDT&E Project Cost Analysis

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BUDGET ACTIVITY													PE NUMBER AND TITLE		PROJECT NUMBER AND TITLE	
05 System Development and Demonstration (SDD)													0604329F Small Diameter Bomb		5191 Small Diameter Bomb Increment II	
<u>(U) Cost Categories</u> (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract Method & Type</u>	<u>Performing Activity & Location</u>	<u>Total Prior to FY 2006 Cost</u>	<u>FY 2006 Cost</u>	<u>FY 2006 Award Date</u>	<u>FY 2007 Cost</u>	<u>FY 2007 Award Date</u>	<u>FY 2008 Cost</u>	<u>FY 2008 Award Date</u>	<u>FY 2009 Cost</u>	<u>FY 2009 Award Date</u>	<u>Cost to Complete</u>	<u>Total Cost</u>	<u>Target Value of Contract</u>		
<u>(U) Product Development</u>																
Risk Reduction Contract 1	CPFF	Boing, St. Louis MO		9.329	May-06	39.647	May-06	65.411	May-06	56.705	May-06	0.000	171.092	171.092		
Risk Reduction Contract 2	CPFF	Raytheon, Tucson AZ		9.329	May-06	39.647	May-06	65.411	May-06	56.705	May-06	0.000	171.092	171.092		
SDD	CPIF	TBD										480.773	480.773	480.773		
Subtotal Product Development			0.000	18.658		79.294		130.822		113.410		480.773	822.957	822.957		
Remarks:																
<u>(U) Support</u>																
F-15 SPO	PO (In-House)	Wright Patterson AFB, OH		1.525	Apr-06	2.279	Apr-06	3.341	Apr-06	3.109	Apr-06	1.000	11.254	11.254		
BRU-61/A	PO (In-House)	St. Louis, MO		0.465	N/A	0.788	N/A	2.970	N/A	0.380	N/A	0.000	4.603	4.603		
TEAS (Sverdrup Inc.)	C/CPAF	Eglin AFB, FL		3.098	Oct-06	4.144	Oct-06	4.698	Oct-06	4.796	Oct-06	15.011	31.747	31.747		
Other	Misc.	Various		1.394	N/A	3.796	N/A	3.283	N/A	3.339	N/A	9.431	21.243	21.243		
Subtotal Support			0.000	6.482		11.007		14.292		11.624		25.442	68.847	68.847		
Remarks:																
<u>(U) Test & Evaluation</u>																
46 TW	PO (In-House)	Eglin AFB, FL		0.000	N/A	0.000	N/A	0.000	N/A	0.000	N/A	18.514	18.514	18.514		
Subtotal Test & Evaluation			0.000	0.000		0.000		0.000		0.000		18.514	18.514	18.514		
Remarks:																
<u>(U) Management</u>																
TAMS	C/CPAF	Eglin AFB, FL		0.000	Oct-06	0.075	Oct-06	0.077	Oct-06	0.078	Oct-06	0.245	0.475	0.475		
Subtotal Management			0.000	0.000		0.075		0.077		0.078		0.245	0.475	0.475		
Remarks:																
<u>(U) Total Cost</u>			0.000	25.140		90.376		145.191		125.112		524.974	910.793	910.793		

Exhibit R-4a, RDT&E Schedule Detail	DATE February 2007
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BUDGET ACTIVITY 05 System Development and Demonstration (SDD)	PE NUMBER AND TITLE 0604329F Small Diameter Bomb	PROJECT NUMBER AND TITLE 5191 Small Diameter Bomb Increment II
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(U) <u>Schedule Profile</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Risk Reduction Contract Award	3Q			

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BUDGET ACTIVITY 05 System Development and Demonstration (SDD)					PE NUMBER AND TITLE 0604329F Small Diameter Bomb			PROJECT NUMBER AND TITLE 5258 Focused Lethality Munition (FLM)		
Cost (\$ in Millions)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total
5258 Focused Lethality Munition (FLM)	3.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.000
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0		

(U) A. Mission Description and Budget Item Justification

Small Diameter Bomb (SDB) Focused Lethality Munition (FLM) is a Joint Capabilities Technology Demonstration (JCTD) program to increase the near field blast but decrease collateral damage, thus giving increased options to the warfighter. Extends access to targets restricted by collateral damage limitations.

The technical approach is to combine and leverage 4 technologies: 1) MBX-1209 Multi-phase Blast Explosive (MBX) increases near-field blast impulse over SDB I, reduces collateral damage in far-field and allows designer to approximate SDB I weight & balance 2) A carbon fiber warhead case reduces to tiny non-lethal fibers upon fill detonation, minimizing fragmentation effects to personnel & property 3) Using SDB I hardware except warhead and approximating SDB I longitudinal center of gravity, minor weapon OFP changes allow it to leverage SDB I accuracy 4) Remains compatible with the BRU-61 miniature munition carriage and SDB I container system.

(U) B. Accomplishments/Planned Program (\$ in Millions)

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Continue Support, Design, Development, and Integration contract	3.000	0.000	0.000	0.000
(U) Initiate testing	0.000	0.000	0.000	0.000
(U) Program Office Support	0.000	0.000	0.000	0.000
(U) Total Cost	3.000	0.000	0.000	0.000

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

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>Cost to</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Complete</u>							
(U) RDT&E Defense Agency	2.000	4.000	5.000	1.000	0.000	0.000	0.000	0.000	0.000	12.000

(U) D. Acquisition Strategy

The Focused Lethality Munition (FLM) Joint Capabilities Technology Demonstration (JCTD) contract was sole sourced to Boeing based on only one responsible source to field this capability. It is a Cost Plus Fixed Fee contract with an additional Incentive Fee to motivate schedule.

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BUDGET ACTIVITY 05 System Development and Demonstration (SDD)	PE NUMBER AND TITLE 0604329F Small Diameter Bomb	PROJECT NUMBER AND TITLE 5258 Focused Lethality Munition (FLM)
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<u>(U) Cost Categories</u> (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract Method & Type</u>	<u>Performing Activity & Location</u>	<u>Total</u> <u>Prior to FY</u> <u>2006</u> <u>Cost</u>	<u>FY 2006</u> <u>Cost</u>	<u>FY 2006</u> <u>Award</u> <u>Date</u>	<u>FY 2007</u> <u>Cost</u>	<u>FY 2007</u> <u>Award</u> <u>Date</u>	<u>FY 2008</u> <u>Cost</u>	<u>FY 2008</u> <u>Award</u> <u>Date</u>	<u>FY 2009</u> <u>Cost</u>	<u>FY 2009</u> <u>Award</u> <u>Date</u>	<u>Cost to</u> <u>Complete</u>	<u>Total Cost</u>	<u>Target</u> <u>Value of</u> <u>Contract</u>
<u>(U) Product Development</u>														
System Support Development	CPFF	Boeing, St Louis Mo	0.000	3.000	Aug-06	0.000		0.000		0.000		0.000	3.000	
Subtotal Product Development			0.000	3.000		0.000		0.000		0.000		0.000	3.000	0.000
Remarks:														
<u>(U) Support</u>														
Air Force Research Lab (AFRL)	PO	Eglin AFB FL	0.000	0.000									0.000	
Sverdrop	C/CPAF	Eglin AFB FL	0.000	0.000									0.000	
Other	MISC	Eglin AFB FL	0.000	0.000									0.000	
Subtotal Support			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000
Remarks:														
<u>(U) Test & Evaluation</u>														
46 TW	PO	Eglin AFB FL											0.000	
Subtotal Test & Evaluation			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000
Remarks:														
<u>(U) Management</u>														
COLSA	C/CPAF	Eglin AFB FL											0.000	
Subtotal Management			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000
Remarks:														
<u>(U) Total Cost</u>			0.000	3.000		0.000		0.000		0.000		0.000	3.000	0.000

Exhibit R-4a, RDT&E Schedule Detail	DATE February 2007
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BUDGET ACTIVITY 05 System Development and Demonstration (SDD)	PE NUMBER AND TITLE 0604329F Small Diameter Bomb	PROJECT NUMBER AND TITLE 5258 Focused Lethality Munition (FLM)
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	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Schedule Profile				
(U) FLM JCTD Contract Award	4Q			
(U) Technology Readiness Review		2Q		
(U) Ground Testing		4Q		
(U) Flight Testing		3-4Q		
(U) Military Utility Assessment			2Q	
(U) Delivery of Residual Assets			2Q	