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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2013 Navy	<b>DATE:</b> February 2012
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APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>				PE 0604366N: <i>Standard Missile Improvements</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	93.410	46.705	63.891	-	63.891	57.660	41.850	25.749	20.133	Continuing	Continuing
0439: <i>Standard Missile Improvement</i>	25.175	17.348	24.579	-	24.579	28.738	15.770	21.843	16.157	Continuing	Continuing
3092: <i>Standard Missile 6 Program</i>	68.235	29.357	39.312	-	39.312	28.922	26.080	3.906	3.976	Continuing	Continuing

**A. Mission Description and Budget Item Justification**

Standard Missile (SM) is the Navy's premier Anti-Air Warfare (AAW) missile, providing both area air defense for the fleet and self defense for individual AEGIS CGs and DDGs, as required by the Joint Theater Air Missile Defense (TAMD), Mission Need Statement (MNS), Defense Planning Guidance (DPG), Quadrennial Defense Review (QDR), and Ship Class AAW Self Defense Capstone Requirements Document. Agility, fuzing, and computer modifications to SM are in development to restore performance in the near term against a specific existing proliferating Anti-Ship Cruise Missile (ASCM) threat. Continuous analysis of missile capabilities vs. ever-evolving and proliferating aircraft and ASCM threats and long-range planning are required to keep pace with the threat.

In FY04 the Standard Missile 6 (SM-6) program was started to develop an advanced surface missile system with an active seeker and an extended range. The SM-6 missile system will leverage the Navy investment in the AEGIS Weapon System (AWS), Cooperative Engagement Capability (CEC), and airborne early warning systems, which will be upgraded in concert with missile development to support a fully integrated extended range detect-to-engage naval and joint integrated fire control capability. SM-6 is the enabler for Integrated Fire Control (IFC). Funding to support those upgrades are also included in this line. SM-6 has completed the ground based and at-sea DT flight test phase of the System Development & Demonstration (SD&D) effort. SDD at-sea OT phase completed July 2011. Together, this family of systems will provide the air superiority and the umbrella of protection against the full spectrum of projected future cruise missile (anti-ship and land attack) and manned aircraft threats discussed in the Joint TAMD MNS, DPG, QDR, IAMD Roadmap, IAMD Joint Integrating Concept, AIAMD Joint Operating Concept and TAMD Capstone Requirements Document.

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<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>
Previous President's Budget	96.186	46.705	21.406	-	21.406
Current President's Budget	93.410	46.705	63.891	-	63.891
Total Adjustments	-2.776	-	42.485	-	42.485
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-2.286	-			
• Program Adjustments	-	-	42.515	-	42.515
• Rate/Misc Adjustments	-	-	-0.030	-	-0.030
• Congressional General Reductions Adjustments	-0.490	-	-	-	-

**Change Summary Explanation**

Technical: Program funding increased as a result of continued critical development and integration efforts necessary to meet delivery time-lines for DDG 1000 and AMDR. Additionally, funding was increased for DoD directed missile safety and testing, near term obsolescence replacement issues, and vital technology improvements to pace the threat.

Schedule: Not applicable.

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy								DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604366N: Standard Missile Improvements				PROJECT 0439: Standard Missile Improvement			
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
0439: Standard Missile Improvement	25.175	17.348	24.579	-	24.579	28.738	15.770	21.843	16.157	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification											
Modifications to SM-2 BLK IIIB are required for use on DDG-1000 class destroyers. The Joint Universal Waveform Link (JUWL) will be integrated with the Evolved Seasparrow Missile (ESSM) and Standard Missile to communicate with the DDG-1000 SPY-3 radar. SM-2 missile software will be updated with interrupted continuous wave illumination (ICWI) in order to allow operation with DDG-1000.											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2011	FY 2012	FY 2013	
Title: Standard Missile Improvement								25.175	17.348	21.779	
								Articles: 0	0	0	
Description: DDG-1000 Pre Plan Product Improvement (P3I)Link Integration/ICWI											
FY 2011 Accomplishments:											
- A revised integrated master schedule has been built to redirect project tasking and rephrase FY11 material/parts orders for ESSM production representative models (PRMs) and SM-2 proof of design (PODs) assets.											
- ESSM JUWL program is performing the design verification test (DVT) at the X-Band Transceiver (XBT) configuration.											
- Engineering efforts to support ESSM Critical Design Review (CDR) and SM-2 Preliminary Design Review (PDR) for JUWL will be initiated.											
- ESSM Zumwalt Inert Operational Missile (IOM) is ready for sell off. To complete this task, DCMA requires an XBT. Plan to use 3rd Proof Of Design (POD-3), to complete the sell-off.											
FY 2012 Plans:											
- Continue FY11 engineering efforts in support of ESSM Critical Design Review (CDR) planned for November 2011.											
- Assembly of ESSM Production Representative Models (PRMs) and conduct of associated qualification testing, including EMI/E3 testing.											
- Continued SM-2 engineering efforts in support of Preliminary Design Review (PDR) for JUWL.											
- Assembly of SM-2 PODs, and design verification testing (DVT).											
FY 2013 Plans:											

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<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>		<b>FY 2011</b>	<b>FY 2012</b>
ESSM delivers an Inert Operational Missile (IOM) to support ship integration, conducts a Test Readiness Review and Production Readiness Review and delivers its first flight test rounds. SM-2 conducts Critical Design Review (CDR), assembles PRMs and conducts qualification testing.			
<b>Title:</b> DDG 1000 Rephase  <b>FY 2013 Plans:</b> DDG 1000 Rephase: Procure test round modification kits to upgrade Block IIIBs to Zumwalt IIIBs, test, and deliver Zumwalt IIIB rounds (including canisters) for developmental testing (DT).		-	-
<b>Articles:</b>			2.800 0
<b>Accomplishments/Planned Programs Subtotals</b>		25.175	17.348
<b>C. Other Program Funding Summary (\$ in Millions)</b>			
N/A			
<b>D. Acquisition Strategy</b>			
-Production representative missiles will be built for ESSM between FY12 and 14 and for SM-2 FY14 and FY17. -Engineering and Integration Testing for ESSM in FY14- FY15 and SM-2 in FY15. 67 ESSM missiles and 34 SM missiles are required to support Developmental Test & Operational Test (DT & OT) FY16-FY17 and continue follow-on ship integration and design update effort in FY18. -(ESSM) Procurement under PEO IWS3D production contract of 35 ESSM JUWL mod kits to convert 35 ESSM rounds from fleet inventory for SDTS testing in late FY14. Mod kits funded by PMS 500. Other 32 rounds, of 67 total, to be funded by PMS 500. -(SM) Development is expected to conclude by FY17 for the X-band JUWL and ICWI.			
<b>E. Performance Metrics</b>			
- ESSM initial engineering design for X-Band JUWL capability was completed and Engineering Development Models (EDMs) were built and tested. - ESSM will order material/parts and assemble Proof of Design units to conduct design verification tests. - ESSM will conduct its Critical Design Review in first Quarter FY12. - In October 2010 SM-2 began full scale engineering development of X-Band JUWL capability and limited implementation of interrupted continuous wave illumination (ICWI) functionality. - SM-2 PDR for JUWL is planned for first quarter FY12. - Integration Testing and datalink qualification for JUWL testing 2013			

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Navy											DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604366N: Standard Missile Improvements				PROJECT 0439: Standard Missile Improvement					
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
Design and Analysis1	SS/CPAF	RAYTHEON:Tucson, AZ	220.476	16.276	Nov 2011	22.296	Nov 2012	-		22.296	Continuing	Continuing	Continuing
Design and Analysis2	C/CPFF	JHU/APL:Laurel, MD	3.750	0.136	Nov 2011	1.531	Nov 2012	-		1.531	0.000	5.417	
Design and Analysis3	MIPR	MIT/Lin Lab:Lexington, MA	0.050	-		-		-		-	0.000	0.050	
Design and Analysis4	WR	NSWC:Dahlgren	787.314	0.100	Nov 2011	0.111	Nov 2012	-		0.111	0.000	787.525	
Design and Analysis5	WR	NSWC:Indian Head	0.940	-		-		-		-	0.000	0.940	
Design and Analysis6	WR	NAWC:China Lake	3.030	-		-		-		-	0.000	3.030	
Design and Analysis7	Various	LOCKHEED MARTIN:Moorestown, NJ	17.775	-		-		-		-	0.000	17.775	
Design and Analysis8	WR	CNO:Washington, DC	0.010	-		-		-		-	0.000	0.010	
Design and Analysis9	WR	CMDP:Phoenix, AZ	4.795	-		-		-		-	0.000	4.795	
Design and Analysis11	WR	NSWC:Crane	0.257	-		-		-		-	0.000	0.257	
Design and Analysis12	WR	DOI&CNAP:Washington, DC	0.487	-		-		-		-	0.000	0.487	
Design and Analysis13	WR	COMPTEVFOR:Norfolk, VA	0.100	-		-		-		-	0.000	0.100	
Design and Analysis14	C/CPFF	LOCKHEED MARTIN:Moorestown, NJ	2.000	-		-		-		-	0.000	2.000	
Design and Analysis15	WR	CARDEROCK:Bethesda, MD	0.050	-		-		-		-	0.000	0.050	
Design and Analysis16	WR	NWAS:Corona	0.325	-		-		-		-	0.000	0.325	
Design and Analysis17	C/CPFF	CORVID:Mooresville, NC	0.100	-		-		-		-	0.000	0.100	
Design and Analysis18	C/CPFF	BAE:Rockville, MD	0.101	-		-		-		-	0.000	0.101	
Design and Analysis19	MIPR	MDA:Dahlgren, VA	1.257	-		-		-		-	0.000	1.257	
Design and Analysis20	WR	IWS3D:ARLINGTON, VA	1.000	0.826	Nov 2011	0.631	Nov 2012	-		0.631	0.000	2.457	
Subtotal			1,043.817	17.338		24.569		-		24.569			

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<b>Test and Evaluation (\$ in Millions)</b>				<b>FY 2012</b>		<b>FY 2013 Base</b>		<b>FY 2013 OCO</b>		<b>FY 2013 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>
DEVELOPMENTAL TEST & EVALUATION1	WR	NSWC:Port Hueneme	0.185	-		-		-		-	0.000	0.185	
DEVELOPMENTAL TEST & EVALUATION2	WR	WSMR:New Mexico	1.600	-		-		-		-	0.000	1.600	
DEVELOPMENTAL TEST & EVALUATION3	WR	NAWC:Pt Mugu	0.098	-		-		-		-	0.000	0.098	
DEVELOPMENTAL TEST & EVALUATION4	WR	PMRF:Hawaii	0.338	-		-		-		-	0.000	0.338	
DEVELOPMENTAL TEST & EVALUATION5	WR	NSWC:PHD/Techrep	0.567	-		-		-		-	0.000	0.567	
<b>Subtotal</b>			2.788	-		-		-		-	0.000	2.788	

  

<b>Management Services (\$ in Millions)</b>				<b>FY 2012</b>		<b>FY 2013 Base</b>		<b>FY 2013 OCO</b>		<b>FY 2013 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>
CONTRACTOR ENGINEERING SUPPORT	C/CPAF	VARIOUS:VARIOUS	1.993	-		-		-		-	0.000	1.993	
PROGRAM MANAGEMENT SUPPORT	C/CPAF	VARIOUS:VARIOUS	2.294	-		-		-		-	0.000	2.294	
TRAVEL	Allot	IWS3:Arlington, VA	0.066	0.010	Nov 2011	0.010	Nov 2012	-		0.010	0.000	0.086	
<b>Subtotal</b>			4.353	0.010		0.010		-		0.010	0.000	4.373	

  

	<b>Total Prior Years Cost</b>	<b>FY 2012</b>		<b>FY 2013 Base</b>		<b>FY 2013 OCO</b>		<b>FY 2013 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>		1,050.958	17.348		24.579		-	24.579			

  

**Remarks**

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy								DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604366N: Standard Missile Improvements				PROJECT 3092: Standard Missile 6 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
3092: Standard Missile 6 Program	68.235	29.357	39.312	-	39.312	28.922	26.080	3.906	3.976	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification											
<p>This program leverages existing missile technology and advanced missile technology. It aligns missile technology roadmaps across the Services (NAVSEA, NAVAIR, USAF, USMC and USA) and missile variants within the Services, taking advantage of the Navy's investment in the AWS, CEC, and airborne early warning systems. This missile will provide an extended range engagement capability to provide the air superiority and the umbrella of protection for joint U.S. forces and allies against the full spectrum of manned-fixed and rotary-wing aircraft, unmanned aerial vehicles, and land attack and anti-ship cruise missiles in flight, thereby contributing to the continuous protection of forward deployed ground maneuver forces as well as theater rear assets as discussed in the Joint TAMD MNS, DPG, QDR, TAMD Capstone Requirements Document, Forward From the Sea, Joint Vision 2010/2020, the 2002/2003 Naval Transformational Roadmap and the Operational Requirements Document for SM-6 BLK 1.</p> <p>This project addresses the Navy's requirement for an extended range area air defense missile with engage-on-remote and over-the-horizon capability as the enabler for USN and Joint integrated fire control. The SM-6 BLK 1 is the Navy's transformational enabler for the Sea Shield Operational Concept and enables the opportunity for Sea Basing and Sea Strike. This effort includes risk reduction, System Development and Demonstration (SD&amp;D) design, insensitive munitions improvement, transition to production and operational test of the latest STANDARD Missile with the kinematic performance to defeat current and projected threats that possess low altitude, high altitude, and high velocity and maneuver characteristics at the max kinematic range of the missile. SM-6 completed OT flight test phase of the SD&amp;D effort.</p> <p>The Joint Integrated Fire Enhancement funding is JROC directed for the demonstration of the Joint Land Attack Elevated Netted Sensor (JLENS) into the Naval Integrated Fire Control-Counter Air (NIFC-CA) kill chain; specifically, SM-6 integration with the JLENS and the AWS. The funding identified in this budget is part of an integrated funding package that also includes funding for PEO IWS 1.0, PEO IWS 6.0, PEO IWS 7.0 and the Army's Cruise Missile Defense Systems JLENS Product Office. Additional funding is to support the integration, test, and analysis of the NIFC-CA test and evaluation strategy. Funds are also included for the transition of technology associated with the Missile Defense/Sea Shield Naval Interceptor Improvements (NII) Future Naval Capability (FNC) as formally signed in the NII Technology Transition Agreement (TTA) by PEO IWS 3, OPNAV N86, and the Office of Naval Research (PMR-51).</p>											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2011	FY 2012	FY 2013	
Title: Joint Integrated Fire Enhancement								4.579	2.862	-	
								0	0		
Description: Joint Integrated Fire Enhancement											
FY 2011 Accomplishments:											

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APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0604366N: Standard Missile Improvements	PROJECT 3092: Standard Missile 6 Program		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2011	FY 2012	FY 2013
Scenario and test planning development and integration and test activities and end-to-end scenario test predictions. <b>FY 2012 Plans:</b> Support Pair-wise testing between SM-6 and JLENS, conduct Captive Flight Test (CFT) with JLENS in Integrated Fire Control (IFC) Kill Chain, support SM-6: 6 degrees of freedom (DoF) accreditation, pre-flight analysis for JLENS IFC Live Fire Event and post-flight analysis for JLENS IFC Live Fire Event.				
<b>Title:</b> SM 6 Missile Development  <b>Description:</b> Missile Development  <b>FY 2011 Accomplishments:</b> DT completion (3 flight tests) and 12 OT Flight Tests completed and analysis on-going; Runs For Record M&S; DT/OT-III A FOT&E preparation. Advanced Capability Build 12 (ACB 12) and Combat Systems Engineering Development Site (CSEDS) integration and test; Captive Carry Flight Test.  <b>FY 2012 Plans:</b> Continue (ACB 12) and (CSEDS) integration and test; Continue Captive Carry Flight Test; Integrated Fire Control (IFC) integration and test; Complete DT/OT-III A.  <b>FY 2013 Plans:</b> Plan to support follow on test and evaluation (FOT&E), ACB 12 B/L 9 integration and flight test, Processor Replacement Program (PRP) flight test and NIFC-CA flight test		<b>Articles:</b> 48.420 0	14.189 0	17.012 0
<b>Title:</b> Insensitive Munitions (IM)  <b>Description:</b> Insensitive Munitions  <b>FY 2011 Accomplishments:</b> - Ballistic Barrier testing, down-select decision & initiation of a Technical Data Package - Initiation of a System Safety Program Plan development & Threat Hazard Assessment (THA) review & update - Active Mitigation IM Technology (inhibitors, sensors, etc.)  <b>FY 2012 Plans:</b> - Completion of a Ballistic Barrier Technical Data Package and integration into a SM logistics plan - Completion of a System Safety Program Plan & THA review/update		<b>Articles:</b> 2.700 0	1.000 0	15.300 0

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<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>		<b>FY 2011</b>	<b>FY 2012</b>
- IM Technology testing in full-scale rocket motors			
<b>FY 2013 Plans:</b> Maintain the IM Technical team support, Electronic Arm & Fire Device (EAFD) & Active Mitigation (AM) technology transition & integration into DPRM, develop 30 rocket motors (RM) of dual pulse configuration, prime contractor & subs integration & procurement support, develop & maintain systems safety program plan per WSESRB recommendation and develop RM qualification test plan(s) and procedures			
<b>Title:</b> SM6 OT&E Support  <b>Articles:</b>		8.431 0	7.746 0
<b>FY 2011 Accomplishments:</b> This effort will complete activities related to the SM-6 OT Flight Testing and analyzing test results to support COMPTEVFOR. Preparation for DT/OT-III A.			-
<b>FY 2012 Plans:</b> This effort will complete activities related to SM-6 FOT&E (DT/OT-III A) testing and analysis.			
<b>Title:</b> SM6/AWS & VLS Integration  <b>Articles:</b>		4.105 0	3.560 0
<b>Description:</b> SM6/AWS & VLS Integration  <b>FY 2011 Accomplishments:</b> AEGIS Weapons System and MK 41 Vertical Launch Integration of SM-6 IFC mode to ACB12.			-
<b>FY 2012 Plans:</b> AEGIS Weapons System and MK 41 Vertical Launch Integration of SM-6 IFC mode to ACB12.			
<b>Title:</b> Portable All-Up Round Bit Tester (PABT)  <b>Articles:</b>		-	7.000 0
<b>FY 2013 Plans:</b> Detailed design, System Functional Review (SFR)/System Requirements review (SRR), and Integrated Baseline Review (IBR).			
<b>Accomplishments/Planned Programs Subtotals</b>		68.235	29.357
			39.312

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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
• WPN 2234: Standard Missile	236.762	356.878	399.482	0.000	399.482	493.400	672.770	729.731	866.268	1,327.105	5,291.601
• Standard Missile: QTY	59.000	89.000	94.000	0.000	94.000	115.000	157.000	168.000	204.000	284.000	1,200.000
D. Acquisition Strategy											
The Navy awarded a contract for SM-6 development, design, testing, production and support (including spares) to Raytheon using other than full and open competition pursuant to the authority of 10 U.S.C. 2304(c)(1).											
The active seeker guidance section for the SM-6 will be built in a joint production facility with the Advance Medium Range Air to Air Missile (AMRAAM).											
The remainder of the SM-6 AUR components will be produced in existing production facilities that are currently producing other variants of the SM.											
No new facilities will be required for SM-6 production, and existing equipment will be used whenever possible.											
No source other than Raytheon is capable of producing a shipboard BLK 1 missile within the Navy's schedule.											
SM-6 Acquisition Strategy signed by OSD AT&L 3 March 2004.											
E. Performance Metrics											
Accomplishments											
- DT Flight Tests at PMRF - Jan 11											
- OT TRR - May 11											
- OT Flight Tests at PMRF - Jul 11											
- LRIP III Option II Contract Award - Jul 11											
SM-6 SD&D Contract SPI is currently at 1.00 and CPI is at 1.00											
Upcoming Milestones											
- OT IIIA - Apr 12 - Dec 13											
- Integrated Fire Control (IFC) Apr 12 - Mar 14											

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APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604366N: Standard Missile Improvements				PROJECT 3092: Standard Missile 6 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
Design & Analysis	C/CPIF	RAYTHEON:Tucson, AZ	648.230	15.120	Nov 2011	28.916	Nov 2012	-		28.916	0.000	692.266	
Design & Analysis	C/CPFF	JHU/APL:Laurel MD	42.108	1.758	Nov 2011	1.389	Nov 2012	-		1.389	0.000	45.255	
Design & Analysis	MIPR	MIT/Lin Lab:Lexington, MA	0.550	-		-		-		-	0.000	0.550	
Design & Analysis	WR	NAWC:China Lake	3.285	-		0.500	Nov 2012	-		0.500	0.000	3.785	
Design & Analysis	WR	NSWC:Dahlgren	9.845	0.075	Nov 2011	1.500	Nov 2012	-		1.500	0.000	11.420	
Design & Analysis	WR	NSWC:Indian Head	3.291	-		0.250	Nov 2012	-		0.250	0.000	3.541	
Design & Analysis	WR	NSWC:PHD	9.012	0.810	Nov 2011	-		-		-	0.000	9.822	
Design & Analysis	WR	NSWC:Crane	1.191	-		-		-		-	0.000	1.191	
Design & Analysis	MIPR	JSPO:Eglin AFB	23.722	-		-		-		-	0.000	23.722	
Design & Analysis	C/CPFF	LOCKHEED Martin:Moorestown, NJ	5.794	-		-		-		-	0.000	5.794	
Design & Analysis	WR	NSWC:Corona	16.559	-		-		-		-	0.000	16.559	
Design & Analysis	Reqn	ONR:Arlington, VA	5.150	-		-		-		-	0.000	5.150	
Design & Analysis	Reqn	NRL:Washington, DC	0.090	-		-		-		-	0.000	0.090	
Design & Analysis	WR	COMPTEVFOR:Norfolk, VA	2.155	-		-		-		-	0.000	2.155	
Design & Analysis	WR	CARDEROCK:Philadelphia, PA	2.549	-		-		-		-	0.000	2.549	
Design & Analysis	WR	NSWC:Pt Mugu	0.613	-		-		-		-	0.000	0.613	
Design & Analysis	C/CPFF	BAE:Rockville, MD	6.446	0.075	Nov 2011	0.080	Nov 2012	-		0.080	0.000	6.601	
Design & Analysis	MIPR	ARMY:Redstone	0.050	-		-		-		-	0.000	0.050	
Design & Analysis	WR	NAWCAD:Pax River, MD	0.392	-		-		-		-	0.000	0.392	
Design & Analysis	C/CPFF	CORVID:Moorestville, NC	2.750	0.225	Nov 2011	0.500	Nov 2012	-		0.500	0.000	3.475	
Design & Analysis	C/CPFF	RNB:Arlington, VA	0.010	-		-		-		-	0.000	0.010	
Design & Analysis	WR	SPAWAR:Arlington, VA	0.007	-		-		-		-	0.000	0.007	
Design & Analysis	WR	ARMY:Cecom	0.066	-		-		-		-	0.000	0.066	

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Navy										DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE				PROJECT					
1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)				PE 0604366N: Standard Missile Improvements				3092: Standard Missile 6 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
Design & Analysis	C/FP	GENERAL DYNAMICS:Falls Church, VA	1.660	-		-		-		-	0.000	1.660	
Design & Analysis	WR	VARIOUS:(IWS 1A)	59.773	-		-		-		-	0.000	59.773	
Design & Analysis	WR	VARIOUS:(VLS)	24.772	-		-		-		-	0.000	24.772	
Subtotal			870.070	18.063		33.135		-		33.135	0.000	921.268	
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
Developmental Test & Evaluation	WR	NSWC:Port Hueneme	0.400	0.549	Nov 2011	0.842	Nov 2012	-		0.842	0.000	1.791	
Developmental Test & Evaluation	WR	NSWC:WSMR	19.321	2.573	Nov 2011	1.750	Nov 2012	-		1.750	0.000	23.644	
Developmental Test & Evaluation	WR	PMRF:Hawaii	38.089	-		-		-		-	0.000	38.089	
Developmental Test & Evaluation	WR	NAWC:Pt Mugu	0.769	-		-		-		-	0.000	0.769	
Developmental Test & Evaluation	C/CPAF	RAYTHEON:Tucson, AZ	14.242	-		-		-		-	0.000	14.242	
Developmental Test & Evaluation	C/CPFF	JHU/APL:Laurel, MD	1.250	2.006	Nov 2011	0.897	Nov 2012	-		0.897	0.000	4.153	
Developmental Test & Evaluation	WR	NSWC:Corona	1.750	1.381	Nov 2011	0.960	Nov 2012	-		0.960	0.000	4.091	
Developmental Test & Evaluation	WR	COMPTEVFOR:Norfolk	0.250	-		-		-		-	0.000	0.250	
Developmental Test & Evaluation	WR	NSWC:Dahlgren	0.500	0.774	Nov 2011	0.153	Nov 2012	-		0.153	0.000	1.427	
Developmental Test & Evaluation	WR	VLS:Arlington, VA	0.750	0.474	Nov 2011	-		-		-	0.000	1.224	

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2013 Navy											<b>DATE:</b> February 2012			
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0604366N: <i>Standard Missile Improvements</i>				<b>PROJECT</b> 3092: <i>Standard Missile 6 Program</i>						

  

<b>Test and Evaluation (\$ in Millions)</b>				<b>FY 2012</b>		<b>FY 2013 Base</b>		<b>FY 2013 OCO</b>		<b>FY 2013 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>
Developmental Test & Evaluation	WR	COMPTVEVFOR:Norfolk, Va	-	0.250	Nov 2011	-		-		-	0.000	0.250	
Developmental Test & Evaluation	WR	VARIOUS:(IWS 1A)	-	0.750	Nov 2011	-		-		-	0.000	0.750	
<b>Subtotal</b>			77.321	8.757		4.602		-		4.602	0.000	90.680	

  

<b>Management Services (\$ in Millions)</b>				<b>FY 2012</b>		<b>FY 2013 Base</b>		<b>FY 2013 OCO</b>		<b>FY 2013 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>
Contractor Engineering Services	C/CPAF	VARIOUS:Various	22.405	2.437	Nov 2011	1.500	Nov 2012	-		1.500	0.000	26.342	
Travel	Various	IWS3:Arlington, VA	1.028	0.100	Nov 2011	0.075	Nov 2012	-		0.075	0.000	1.203	
DAWDF	C/FP	Not Specified:Not Specified	1.130	-		-		-		-	0.000	1.130	
<b>Subtotal</b>			24.563	2.537		1.575		-		1.575	0.000	28.675	

  

			<b>Total Prior Years Cost</b>	<b>FY 2012</b>		<b>FY 2013 Base</b>		<b>FY 2013 OCO</b>		<b>FY 2013 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>			971.954	29.357		39.312		-		39.312	0.000	1,040.623	

  

**Remarks**

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Navy		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0604366N: <i>Standard Missile Improvements</i>	PROJECT 3092: <i>Standard Missile 6 Program</i>

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

DATE: February 2012

## APPROPRIATION/BUDGET ACTIVITY

1319: Research, Development, Test & Evaluation, Navy  
BA 5: Development & Demonstration (SDD)

## R-1 ITEM NOMENCLATURE

PE 0604366N: Standard Missile Improvements

## PROJECT

3092: Standard Missile 6 Program

## Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>Proj 3092</b>				
IOC (OBJECTIVE)	2	2011	2	2011
IOC (THRESHOLD)	4	2012	4	2012
Full-Rate Production (FRP) Decision	3	2012	3	2012
Full Operational Capability (FOC)	4	2015	4	2015
WSESRB	2	2011	2	2012
Software Design/Final Qualification Test (FQT)	1	2011	3	2011
Captive Carry	1	2011	3	2012
CSEDS (ACB 12) (ACB 12 B/L 9)	4	2011	2	2012
OT WIT	1	2011	3	2011
Developmental Testing (DT-IIC1)	1	2011	1	2011
Developmental Testing (DT-IIC2/OT-[1-3])	1	2011	1	2011
Operational Testing (OT-[4-15 & 2 Spares])	3	2011	4	2011
OT IIIA	4	2013	2	2014
OT IIIB	2	2015	2	2015
Runs for the Record (RFR) & Data Analysis	4	2011	2	2012
Integrated Fire Control (IFC)	1	2013	3	2014
Low-Rate Initial Production III (LRIP III Award)	3	2011	3	2011
Low-Rate Initial Production I Delivery	2	2011	3	2012
Low-Rate Initial Production II Delivery	3	2012	1	2013
Low-Rate Initial Production III Delivery	2	2013	1	2014
Full Rate Production (FRP) I-IV Award	3	2012	2	2016

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 Navy			DATE: February 2012	
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0604366N: Standard Missile Improvements		PROJECT 3092: Standard Missile 6 Program	
	Start		End	
Events by Sub Project	Quarter	Year	Quarter	Year
Full Rate Production (FRP) I Long Lead Material	2	2012	2	2012
Full Rate Production I (FRP) Deliveries	2	2014	1	2015
Full Rate Production II (FRP) Deliveries	2	2015	1	2016
Full Rate Production III (FRP) Deliveries	2	2016	1	2017