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Exhibit R-2, RDT&E Budget Item Justification: PB 2013 United States Special Operations Command	DATE: February 2012
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APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>				PE 1160477BB: <i>SOF Weapons Systems</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	0.465	2.610	1.511	-	1.511	-	-	0.005	0.005	Continuing	Continuing
S375: <i>SOF Weapons Systems</i>	0.465	2.610	1.511	-	1.511	-	-	0.005	0.005	Continuing	Continuing

A. Mission Description and Budget Item Justification

This program element provides for development, testing, and integration of specialized weapon systems and weapon accessories to meet the unique requirements of Special Operations Forces (SOF). This specialized equipment will permit small, highly trained forces to conduct required operations across the entire spectrum of conflict. These operations are generally conducted in harsh environments, for unspecified periods and in locations requiring small unit autonomy. SOF must infiltrate by land, sea, and air to conduct unconventional warfare, direct action, or deep reconnaissance operations in denied areas against insurgent units, terrorists, or highly sophisticated threat forces. The requirement to operate in denied areas controlled by a sophisticated threat mandates that SOF systems remain technologically superior to threat forces to ensure mission success.

B. Program Change Summary (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Previous President's Budget	0.479	2.610	3.493	-	3.493
Current President's Budget	0.465	2.610	1.511	-	1.511
Total Adjustments	-0.014	-	-1.982	-	-1.982
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.002	-			
• SBIR/STTR Transfer	-0.012	-			
• Reprogrammings	-	-	-1.982	-	-1.982

Change Summary Explanation

Funding:

FY 2011: Decrease of -\$0.014 million is due to reprogramming to higher command priorities of (-\$0.002 million) and Small Business Innovative Research transfer (-\$0.012 million).

FY 2012: No change.

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FY 2013: Net decrease of -\$1.982 million due to a decrease of (-\$2.000 million) realigned to higher command priorities and an economic assumption increase (\$0.018 million).		
Schedule: None.		
Technical: None.		

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Exhibit R-2A, RDT&E Project Justification: PB 2013 United States Special Operations Command									DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 1160477BB: SOF Weapons Systems				PROJECT S375: SOF Weapons Systems			
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
S375: SOF Weapons Systems	0.465	2.610	1.511	-	1.511	-	-	0.005	0.005	Continuing	Continuing
Quantity of RDT&E Articles											
A. Mission Description and Budget Item Justification											
This project provides for development and testing of specialized, lightweight individual, assault, crew-served weapons, and fire control/surveillance devices to meet the unique requirements of Special Operations forces (SOF). SOF often deploys as small, independent, quick reaction, foot-mobile teams independent of primary logistics support. Existing weapons and combat equipment are frequently unsuited to these conditions. Sub-projects include:											
• Family of Sniper Weapon Systems (FSWS). This program includes next generation system development and pre-planned product improvements (P3I) to current sniper systems. Next-generation systems include two variants: a Precision Sniper Rifle (PSR) as a life cycle replacement of the current .300 Winchester Magnum rifle (MK13) that is intended to provide SOF with a highly accurate weapon system capable of engaging targets at ranges equal to or better than the MK13, and an anti-materiel rifle that will pursue heavy sniper system technology to provide SOF with precision engagement capabilities on materiel targets.											
• Weapons Accessories (WPNAC). This program effort enhances all SOF weapons, both individual and crew served, by leveraging the latest technological advances in optional accessories (up to 30 different functions/capabilities) such as day scopes, clip-on night scopes, active aiming laser module, visible lights, grenade launchers, suppressors, hand grips, and close quarters battle sights. Miniature Day-Night Sight (MDNS) for Crew-served Weapons enhances all SOF weapons, by leveraging existing image intensification and thermal technology to improve combat effectiveness for all crew served weapon systems. Development efforts include test and evaluation of the Advanced Target Pointer Illuminator Aiming Laser (ATPIAL) hardening to withstand the live-fire shock profiles for the Combat Assault Rifle (CAR), Clip-on Night Vision Devices (CNVD), and Family of Muzzle Breaks and Suppressors (FMBS). Leveraging extensive modeling and simulation efforts executed by National Labs, competitively award RDT&E contracts to select vendors to develop suppressors and flashhiders for select SOF weapon systems. These accessories greatly improve the combat effectiveness of the weapon systems and the survivability of the SOF operator. This program was increased by FY 2001, FY 2002, FY 2004, FY 2006, FY 2007 and FY2010 Congressional Adds.											
B. Accomplishments/Planned Programs (\$ in Millions)								FY 2011	FY 2012	FY 2013	
Title: FSWS								0.222	-	-	
FY 2011 Accomplishments: FY11 Purchased PSR labor support and ammunition to conduct operational testing and user assessments.											
Title: WPNAC								0.243	2.610	1.511	
FY 2011 Accomplishments:											

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B. Accomplishments/Planned Programs (\$ in Millions)										FY 2011	FY 2012	FY 2013
Purchased labor support for down select, conducted market research, purchased test articles, and labor support for operational testing and field user assessments for the CNVD P3I and FMBS program.												
FY 2012 Plans: Conducts market research, purchase labor support for down select, test articles, operational and developmental testing and field user assessment that support the Sniper CNVD and FMBS programs.												
FY 2013 Plans: Continue development of Sniper CNVD and FMBS programs. Conduct market research, continue down select support, test articles, operational and developmental testing, and user assessment that support the Sniper CNVD and FMBS programs.												
Accomplishments/Planned Programs Subtotals										0.465	2.610	1.511
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	
• PROC: SMALL ARMS AND WEAPONS	31.454	17.684	27.108		27.108	9.848	8.119	9.165	8.680	Continuing	Continuing	
D. Acquisition Strategy												
• FSWS. Develops, tests, and evaluates highly accurate, long-range weapon systems to enable the SOF operator to engage the enemy and materiel targets utilizing pre-planned product improvement and incremental development based on technological advances.												
• WPNAC. Develops, tests, and evaluates accessories to optimize the effectiveness of all SOF weapons in order to increase their operational effectiveness through improved target recognition, acquisition and hit capability during day and night from close quarters to maximum effective range of each weapon. Develops long range CNVD for SOF weapons systems. Devices will provide the SOF operator with the ability to engage enemy combatants in all lighting conditions utilizing SOF weapons systems. Develops next generation suppressors for SOF rifle/carbine and light machine gun weapons systems to enhance SOF operational security during engagement with enemy combatants.												
E. Performance Metrics												
N/A												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 United States Special Operations Command											DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 1160477BB: SOF Weapons Systems				PROJECT S375: SOF Weapons Systems					

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
Family of Muzzle Brakes and Suppressors (FMBS)	C/FFP	NSWC-Crane:Crane, IN	0.703	0.812	Jul 2012	0.818	Mar 2013	-		0.818	Continuing	Continuing	
Subtotal			0.703	0.812		0.818		-		0.818			

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
FMBS	C/FFP	NSWC-Crane:Crane, IN	0.108	0.723	Dec 2011	0.493	Dec 2012	-		0.493	Continuing	Continuing	
Subtotal			0.108	0.723		0.493		-		0.493			

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
FMBS	C/FFP	NSWC-Crane:Crane, IN	0.100	-		0.200	Dec 2012	-		0.200	Continuing	Continuing	
CNVD	C/FFP	NSWC-Crane:Crane, IN	-	1.075	Mar 2013	-		-		-	Continuing	Continuing	
Subtotal			0.100	1.075		0.200		-		0.200			

			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			0.911	2.610		1.511		-		1.511			

Remarks													

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 United States Special Operations Command							DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE				PROJECT		
0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i>				PE 1160477BB: <i>SOF Weapons Systems</i>				S375: <i>SOF Weapons Systems</i>		
BA 7: <i>Operational Systems Development</i>										

	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<i>Clip-on Night Vission Device Development</i>																												
Develop/release solicitation																												
Source Selection																												
Contract Award																												
Receive Prototype Systems																												
Developmental Testing/User Assessment of Prototypes																												
Prototype Down-Select Decision																												
Delivery of Low Rate Initial Production LRIP Systems																												
Developmental Testing/Operational Testing																												
Milestone C FRP (Full Rate Production) Decisions																												
<i>Family of Muzzle Break Suppressors Development</i>																												
Lightweight Machine Gun (LMG) Suppressor Solicitation																												
LMG Research and Development Contract Award																												
LMG Modeling																												
LMG Conduct Initial Prototyping																												
LMG MS B Decision																												
LMG Conduct Fellow-on Prototyping																												
LMG - MS C LRIP Decision																												
Award LMG Suppressor Contract																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 United States Special Operations Command			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 1160477BB: <i>SOF Weapons Systems</i>	PROJECT S375: <i>SOF Weapons Systems</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Clip-on Night Vision Device Development</i>				
Develop/release solicitation	1	2012	1	2012
Source Selection	2	2012	2	2012
Contract Award	3	2012	3	2012
Receive Prototype Systems	4	2012	4	2012
Developmental Testing/User Assessment of Prototypes	2	2013	4	2013
Prototype Down-Select Decision	2	2013	2	2013
Delivery of Low Rate Initial Production LRIP Systems	4	2013	4	2013
Developmental Testing/Operational Testing	1	2014	2	2014
Milestone C FRP (Full Rate Production) Decisions	2	2014	2	2014
<i>Family of Muzzle Break Suppressors Development</i>				
Lightweight Machine Gun (LMG) Suppressor Solicitation	1	2012	2	2012
LMG Research and Development Contract Award	4	2012	4	2012
LMG Modeling	1	2013	1	2013
LMG Conduct Initial Prototyping	2	2013	2	2013
LMG MS B Decision	2	2013	2	2013
LMG Conduct Follow-on Prototyping	3	2013	3	2013
LMG - MS C LRIP Decision	4	2013	4	2013
Award LMG Suppressor Contract	4	2013	4	2013

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