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Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Navy	DATE: February 2012
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APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0305232M: <i>RQ-11 UAV</i>
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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	0.509	0.979	0.495	-	0.495	0.491	0.488	0.486	0.487	Continuing	Continuing
2292: <i>RQ-11 UAV</i>	0.509	0.979	0.495	-	0.495	0.491	0.488	0.486	0.487	Continuing	Continuing

Note

In FY 2009 and prior, RQ-11 Unmanned Aerial Vehicle (UAV) was funded in PE 0206313M, C2273. The project is funded in PE 0305232M C2292 for FY 2011 and out.

A. Mission Description and Budget Item Justification

GROUP 1 (formerly known as TIER I UAS) - The program office is pursuing a rapid acquisition approach to quickly field new technology and capabilities to the warfighter. The strategy is to use evolutionary acquisition with two incremental developments to meet the final desired Small Unit Remote Scouting System (SURSS) requirements (Joint USMC/USA/SOCOM capabilities). The SURSS Block 0, Dragon Eye, was the first increment and is currently fielded to deployed units. For the Block 1 increment the USMC adopted the USSOCOM Rucksack Portable UAV (RPUAV) ORD, which meets the USMC's requirement and began migrating to the joint materiel solution, the Raven B.

<u>B. Program Change Summary (\$ in Millions)</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013 Base</u>	<u>FY 2013 OCO</u>	<u>FY 2013 Total</u>
Previous President's Budget	0.512	0.979	1.010	-	1.010
Current President's Budget	0.509	0.979	0.495	-	0.495
Total Adjustments	-0.003	-	-0.515	-	-0.515
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	-	-	-0.509	-	-0.509
• Rate/Misc Adjustments	-	-	-0.006	-	-0.006
• Congressional General Reductions Adjustments	-0.003	-	-	-	-

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy								DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 7: <i>Operational Systems Development</i>				R-1 ITEM NOMENCLATURE PE 0305232M: <i>RQ-11 UAV</i>				PROJECT 2292: <i>RQ-11 UAV</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
2292: <i>RQ-11 UAV</i>	0.509	0.979	0.495	-	0.495	0.491	0.488	0.486	0.487	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification

GROUP 1 (formerly known as TIER I UAS) - The program office is pursuing a rapid acquisition approach to quickly field new technology and capabilities to the warfighter. The strategy is to use evolutionary acquisition with two incremental developments to meet the final desired Small Unit Remote Scouting System (SURSS) requirements (Joint USMC/USA/SOCOM capabilities). The SURSS Block 0, Dragon Eye, was the first increment and was fielded to deployed units. Dragon Eyes are being removed and replaced with the Raven B. For the Block 1 increment the USMC adopted the USSOCOM Rucksack Portable UAV (RPUAV) ORD, which meets the USMC's requirement and began migrating to the joint materiel solution, the Raven B. Raven B's are transitioning from an 8 Channel to a Digital Data Link (DDL) version while pursuing Tactical Network Sensor Suite (TNS2) technology which provides enhanced opportunities to detect irregular and asymmetric threats in a variety of domains, including urban providing the warfighter with enhanced situational awareness and understanding. In concert with TNS2 technology development, continue research/testing to support a more aerodynamic Raven B to increase UAV time of flight, allowing significantly more reconnaissance information to be readily available to soldiers on the ground.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: Program Management and Support Articles: FY 2011 Accomplishments: Funded Tactical Network Sensor Suite (TNS2) program. This initiative supports the experimentation, integration and product enhancement of the Marine Corps UAS program, communications hardware and C2 software. FY 2012 Plans: Continue to fund Tactical Network Sensor Suite (TNS2) program. This initiative continues to support the development, experimentation, integration and product enhancement of the Marine Corps UAS program, communications hardware and C2 software. FY 2013 Plans: Continue to fund Tactical Network Sensor Suite (TNS2) program. This initiative continues to support the development, experimentation, integration and product enhancement of the Marine Corps UAS program, communications hardware and C2 software.	0.509 0	0.979 0	0.495 0
Accomplishments/Planned Programs Subtotals	0.509	0.979	0.495

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

<u>Line Item</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u> <u>Base</u>	<u>FY 2013</u> <u>OCO</u>	<u>FY 2013</u> <u>Total</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• PMC/4757: <i>Tier I UAS</i>	18.157	2.104	2.318	0.000	2.318	2.327	2.335	2.340	2.349	0.000	34.892

D. Acquisition Strategy

The program office is pursuing a rapid acquisition approach to quickly field new technology and capabilities to the warfighter. The strategy is to use evolutionary acquisition with two incremental developments to meet the final desired Small Unit Remote Scouting System (SURSS) requirements (Joint USMC/USA/SOCOM capabilities).

E. Performance Metrics

Fielded joint material solution.

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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 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0305232M: RQ-11 UAV				PROJECT 2292: RQ-11 UAV					
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
Tier I	MIPR	NSWC:Dahlgren	1.012	0.330	Oct 2011	-		-		-	0.000	1.342	
Subtotal			1.012	0.330		-		-		-	0.000	1.342	
Remarks Development and testing of Raven B-DDL (Digital Data Link) with TNS2 (Tactical Network Sensor Suite)technology.													
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
Tier I	MIPR	NAWC AD:Pax River	0.051	0.649	Oct 2011	0.495	Oct 2012	-		0.495	0.000	1.195	
Subtotal			0.051	0.649		0.495		-		0.495	0.000	1.195	
Remarks Research and test an aerodynamic model for Raven B.													
			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			1.063	0.979		0.495		-		0.495	0.000	2.537	
Remarks													