

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Navy										Date: February 2018		
Appropriation/Budget Activity 1319: Research, Development, Test & Evaluation, Navy I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0305239M I (U)RQ-21A							
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
Total Program Element	72.280	8.379	8.899	10.914	-	10.914	10.914	10.913	11.306	10.532	Continuing	Continuing
2298: SMALL (LEVEL 0) TACTICAL UAS (STUAL0)	72.280	8.379	8.899	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	89.558
3192: RQ-21 BLACKJACK	0.000	0.000	0.000	10.914	-	10.914	10.914	10.913	11.306	10.532	Continuing	Continuing

A. Mission Description and Budget Item Justification

The RQ-21A program will provide persistent maritime and land-based tactical Reconnaissance, Surveillance and Target Acquisition (RSTA) data collection and dissemination capability to the war fighter. For the United States Marine Corps (USMC), RQ-21A will provide the Marine Expeditionary Force and subordinate commands (divisions and regiments) with a dedicated, organic Intelligence, Surveillance, and Reconnaissance (ISR) capability delivering intelligence products directly to the tactical commander in real time. For the United States Navy (USN) RQ-21A will provide persistent RSTA support for tactical maneuver decisions and unit-level force defense/force protection for Navy Ships, Marine Corps land forces, Navy Expeditionary Combat Command forces, and Navy Special Warfare Units. This is a combined development program between Navy and Marine Corps. This submission is the Marine Corps portion of the program and has been coordinated with the Navy budget submission under PE 0305234N RQ-21A BLACKJACK.

B. Program Change Summary (\$ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Previous President's Budget	9.497	8.899	6.000	-	6.000
Current President's Budget	8.379	8.899	10.914	-	10.914
Total Adjustments	-1.118	0.000	4.914	-	4.914
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	0.000	0.000	5.002	-	5.002
• Rate/Misc Adjustments	0.000	0.000	-0.088	-	-0.088
• Congressional Directed Reductions Adjustments	-1.118	-	-	-	-

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Exhibit R-2A, RDT&E Project Justification: PB 2019 Navy										Date: February 2018		
Appropriation/Budget Activity 1319 / 7					R-1 Program Element (Number/Name) PE 0305239M / (U)RQ-21A				Project (Number/Name) 2298 / SMALL (LEVEL 0) TACTICAL UAS (STUAL0)			
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
2298: SMALL (LEVEL 0) TACTICAL UAS (STUAL0)	72.280	8.379	8.899	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	89.558
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Note

In FY19, this effort will move to PE 0305239M PU 3192 (RQ-21 Blackjack).

A. Mission Description and Budget Item Justification

The RQ-21A program will provide persistent maritime and land-based tactical Reconnaissance, Surveillance and Target Acquisition (RSTA) data collection and dissemination capability to the Warfighter. For the United States Marine Corps (USMC), RQ-21A will provide the Marine Expeditionary Force and subordinate commands (divisions and regiments) with a dedicated, organic Intelligence, Surveillance, and Reconnaissance (ISR) capability delivering intelligence products directly to the tactical commander in real time. For the United States Navy (USN) RQ-21A will provide persistent RSTA support for tactical maneuver decisions and unit-level force defense/force protection for Navy Ships, Marine Corps land forces, Navy Expeditionary Combat Command forces, and Navy Special Warfare Units. This is a combined development program between Navy and Marine Corps. This submission is the Marine Corps portion of the program and has been coordinated with the Navy budget submission PE 0305234N RQ-21A BLACKJACK.

The RQ-21A system will continue to evolve addressing capability shortfalls, new requirements, obsolescence equipment, reliability, maintainability, and safety issues. Additional capabilities and/or system upgrades may include Navy Command and Control integration, Weapons Integration, Heavy Fuel Engine, Short Wave Infrared, Laser Designator, Frequency Agile Communications Relay, Digital Common Data link, new launch and recovery methods, parts durability, reparability, and manufacturability, and cyclic refresh of the Electro-optical/Infrared (EO/IR) camera.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Title: Product Development	7.396	7.763	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2018 Plans: RQ-21A Blackjack will continue the correction of deficiencies from the IOT&E Report. The program will continue software engineering and development for block software updates. The program will complete development of the heavy fuel engine and EO/IR camera upgrade and identify a path to integration with the air vehicle. The program will continue to assess improvements to the fuel tank, maximum gross takeoff weight, launch					

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Exhibit R-2A, RDT&E Project Justification: PB 2019 Navy				Date: February 2018				
Appropriation/Budget Activity 1319 / 7		R-1 Program Element (Number/Name) PE 0305239M / (U)RQ-21A		Project (Number/Name) 2298 / SMALL (LEVEL 0) TACTICAL UAS (STUAL0)				
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)				FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
and recovery systems, parts durability and manufacturability, avionics module, and other components. Initiate assessment of block upgrade plan for the RQ-21A system. FY 2019 Base Plans: N/A FY 2019 OCO Plans: N/A FY 2018 to FY 2019 Increase/Decrease Statement: No further funding in this PU after FY18.								
Title: Support <div>Articles:</div>				0.628 -	0.629 -	0.000 -	0.000 -	0.000 -
FY 2018 Plans: -Continue Government Engineering Technical Support, Test and Evaluation, other Government Support, Contractor Support Services, Program Management Support efforts, and program related travel via NAWCAD Pax River in support of upgrades and technology refresh. FY 2019 Base Plans: N/A FY 2019 OCO Plans: N/A FY 2018 to FY 2019 Increase/Decrease Statement: No further funding in this PU after FY18.								
Title: Test and Evaluation <div>Articles:</div>				0.355 -	0.507 -	0.000 -	0.000 -	0.000 -
FY 2018 Plans: -Initiate follow-on test and evaluation for Short Wave Infrared (SWIR). -Initiate follow-on test and evaluation for Laser Designator (LD). -Initiate follow-on test and evaluation for Advanced Engine. -Initiate follow-on test and evaluation for software build 7.X.X. FY 2019 Base Plans:								

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Exhibit R-2A, RDT&E Project Justification: PB 2019 Navy				Date: February 2018	
Appropriation/Budget Activity 1319 / 7		R-1 Program Element (Number/Name) PE 0305239M / (U)RQ-21A		Project (Number/Name) 2298 / SMALL (LEVEL 0) TACTICAL UAS (STUAL0)	

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
N/A					
FY 2019 OCO Plans: N/A					
FY 2018 to FY 2019 Increase/Decrease Statement: No further funding in this PU after FY18.					
Accomplishments/Planned Programs Subtotals	8.379	8.899	0.000	0.000	0.000

C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
• RDTEN/0305234N: (U)SMALL (LEVEL 0) TACTICAL UAS (STUASLO)	5.071	4.835	5.360	-	5.360	5.103	5.210	5.314	5.422	Continuing	Continuing
• PMC/4737: RQ-21 UAS	87.177	86.241	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	400.638
• PMC/7000: Spares and Repair Parts	5.812	11.027	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	37.400
• APN/0444: STUASLO	62.956	4.780	14.866	35.065	49.931	17.790	24.629	18.775	18.792	0.000	328.151

Remarks

D. Acquisition Strategy
The program office utilized a competitive acquisition approach to award the Engineering and Manufacturing Development effort to field a capability that meets threshold requirements. The Low Rate Initial Production (LRIP) test article was utilized to successfully complete Initial Operational Test and Evaluation. LRIP production continues through FY16 to demonstrate production line maturity. Marine Corps Initial Operational Capability was achieved in 2Q FY16 with entry into full rate production decision occurring in 4Q FY16. Future payload upgrades and development shall be competitively sourced or procured via Government Laboratories with Insitu, the prime contractor, performing integration efforts as required.

E. Performance Metrics
Attainment of Full Rate Production (FRP), correction of Deficiencies from the Initial Operation Test & Evaluation (IOT&E) Report, and attainment of USMC Initial Operational Capability (IOC) and Full Operational Capability (FOC) in accordance with the approved schedule.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Navy												Date: February 2018			
Appropriation/Budget Activity 1319 / 7						R-1 Program Element (Number/Name) PE 0305239M / (U)RQ-21A				Project (Number/Name) 2298 / SMALL (LEVEL 0) TACTICAL UAS (STUAL0)					
Product Development (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Product Development/Upgrades	C/BOA	Insitu, Inc : Bingen, WA	13.534	7.396	Dec 2017	7.763	Feb 2018	0.000		-		0.000	0.000	28.693	-
Product Development/Upgrades	WR	NAWCAD : Patuxent River, MD	0.765	0.000		0.000		0.000		-		0.000	0.000	0.765	-
Prior Years Cumulative Total	C/FPIF	Insitu, Inc : Bingen, WA	29.062	0.000		0.000		0.000		-		0.000	0.000	29.062	-
Subtotal			43.361	7.396		7.763		0.000		-		0.000	0.000	58.520	N/A
Support (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Engineering Support	WR	NAWCAD : Patuxent River, MD	2.620	0.628	Dec 2016	0.629	Dec 2017	0.000		-		0.000	0.000	3.877	-
Subtotal			2.620	0.628		0.629		0.000		-		0.000	0.000	3.877	N/A
Test and Evaluation (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Test and Evaluation	WR	NAWCAD : Patuxent River, MD	0.956	0.355	Dec 2016	0.507	Dec 2017	0.000		-		0.000	0.000	1.818	-
Contractor Test System Support	C/FFP	Insitu, Inc : Bingen, WA	1.788	0.000		0.000		0.000		-		0.000	0.000	1.788	-
Subtotal			2.744	0.355		0.507		0.000		-		0.000	0.000	3.606	N/A
Management Services (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Prior Years Cumulative	Various	Various : Various	23.555	0.000		0.000		0.000		-		0.000	0.000	23.555	

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Navy												Date: February 2018		
Appropriation/Budget Activity 1319 / 7						R-1 Program Element (Number/Name) PE 0305239M / (U)RQ-21A				Project (Number/Name) 2298 / SMALL (LEVEL 0) TACTICAL UAS (STUAL0)				

Management Services (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			23.555	0.000		0.000		0.000		-		0.000		0.000	23.555	N/A
Project Cost Totals			72.280	8.379		8.899		0.000		-		0.000		0.000	89.558	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2019 Navy											Date: February 2018																									
Appropriation/Budget Activity 1319 / 7									R-1 Program Element (Number/Name) PE 0305239M / (U)RQ-21A								Project (Number/Name) 2298 / SMALL (LEVEL 0) TACTICAL UAS (STUAL0)																			
RQ-21A									FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023			
									1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Acquisition Milestones																																				
Milestones:																																				
Test and Evaluation																																				
Production Milestones																																				
Contract Awards																																				
Deliveries																																				

2019OSD - 0305239M - 2298

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Exhibit R-4A, RDT&E Schedule Details: PB 2019 Navy			Date: February 2018
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0305239M / (U)RQ-21A	Project (Number/Name) 2298 / SMALL (LEVEL 0) TACTICAL UAS (STUAL0)	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
RQ-21A				
Acquisition Milestones: Milestones:: USMC Initial Operational Capability (IOC)	1	2017	1	2017
Acquisition Milestones: Milestones:: Full Rate Production Decision	1	2017	1	2017
Test and Evaluation: Follow-On Test and Evaluation 3	3	2017	4	2017
Test and Evaluation: Follow-On Test and Evaluation 4	3	2018	4	2018
Production Milestones: Contract Awards: Full-Rate Production Contract Award 1	2	2017	2	2017
Production Milestones: Contract Awards: Full-Rate Production Contract Award 2 - Includes Attrition A/V	2	2018	2	2018
Production Milestones: Contract Awards: ICS Contract Award 4	2	2017	2	2017
Production Milestones: Contract Awards: ICS Contract Award 5	2	2018	2	2018
Deliveries: LRIP Lot 5 USMC	1	2017	1	2017
Deliveries: LRIP Lot 5 USN	4	2017	4	2017
Deliveries: FRP Lot 1 USMC	4	2017	4	2017
Deliveries: FRP Lot 2	4	2018	4	2018

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Exhibit R-2A, RDT&E Project Justification: PB 2019 Navy										Date: February 2018		
Appropriation/Budget Activity 1319 / 7					R-1 Program Element (Number/Name) PE 0305239M / (U)RQ-21A				Project (Number/Name) 3192 / RQ-21 BLACKJACK			
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
3192: RQ-21 BLACKJACK	0.000	0.000	0.000	10.914	-	10.914	10.914	10.913	11.306	10.532	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Note

Prior to FY 2019, this effort was funded under PU 2298: SMALL (LEVEL 0) TACTICAL UAS (STUAL0).

A. Mission Description and Budget Item Justification

The RQ-21A program will provide persistent maritime and land-based tactical Reconnaissance, Surveillance and Target Acquisition (RSTA) data collection and dissemination capability to the Warfighter. For the United States Marine Corps (USMC), RQ-21A will provide the Marine Expeditionary Force and subordinate commands (divisions and regiments) with a dedicated, organic Intelligence, Surveillance, and Reconnaissance (ISR) capability delivering intelligence products directly to the tactical commander in real time. For the United States Navy (USN), RQ-21A will provide persistent RSTA support for tactical maneuver decisions and unit-level force defense/force protection for Navy Ships, Marine Corps land forces, Navy Expeditionary Combat Command forces, and Navy Special Warfare Units. This is a combined development program between Navy and Marine Corps. This submission is the Marine Corps portion of the program and has been coordinated with the Navy budget submission PE 0305234N RQ-21A BLACKJACK.

The RQ-21A system will continue to evolve addressing capability shortfalls, new requirements, obsolescence equipment, reliability, maintainability, and safety issues. Additional capabilities and/or system upgrades may include Navy Command and Control integration, Weapons Integration, Heavy Fuel Engine, Short Wave Infrared, Laser Designator, Frequency Agile Communications Relay, Digital Common Data link, and cyclic refresh of the Electro-optical/Infrared (EO/IR) camera.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Title: Product Development	0.000	0.000	9.511	0.000	9.511
Articles:	-	-	-	-	-
FY 2018 Plans: N/A					
FY 2019 Base Plans: RQ-21A Blackjack Corrective Action Program will continue the correction of deficiencies from the Initial Operation Test & Evaluation (IOT&E) Report. The program will continue software engineering and development for block software updates. The program will continue to assess improvements to the fuel tank, maximum gross takeoff weight, launch and recovery systems, parts durability and manufacturability, avionics module, and other components. Initiate assessment of block upgrade plan for the RQ-21A system.					
FY 2019 OCO Plans:					

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Exhibit R-2A, RDT&E Project Justification: PB 2019 Navy			Date: February 2018			
Appropriation/Budget Activity 1319 / 7		R-1 Program Element (Number/Name) PE 0305239M / (U)RQ-21A		Project (Number/Name) 3192 / RQ-21 BLACKJACK		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
N/A						
FY 2018 to FY 2019 Increase/Decrease Statement: FY19 first year of funding for this PU.						
Title: Support		0.000	0.000	0.778	0.000	0.778
Articles:		-	-	-	-	-
FY 2018 Plans: N/A						
FY 2019 Base Plans: Continue Government Engineering Technical Support, other Government Support, Contract Support Services, Program Management Support, and program related travel in support of correction of deficiencies and upgrade efforts.						
FY 2019 OCO Plans: N/A						
FY 2018 to FY 2019 Increase/Decrease Statement: FY19 first year of funding for this PU.						
Title: Test and Evaluation		0.000	0.000	0.625	0.000	0.625
Articles:		-	-	-	-	-
FY 2018 Plans: N/A						
FY 2019 Base Plans: Initiate follow-on test and evaluation for Propulsion Module Unit Initiate follow-on test and evaluation for SAR/GMTI payload Initiate follow-on test and evaluation for Laser Designator Initiate follow-on cyber security test and evaluation						
FY 2019 OCO Plans: N/A						
FY 2018 to FY 2019 Increase/Decrease Statement: FY19 first year of funding for this PU.						
Accomplishments/Planned Programs Subtotals		0.000	0.000	10.914	0.000	10.914

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Exhibit R-2A, RDT&E Project Justification: PB 2019 Navy			Date: February 2018
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0305239M / (U)RQ-21A	Project (Number/Name) 3192 / RQ-21 BLACKJACK	

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

Line Item	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
• APN/0444: STUASLO	62.956	4.780	14.866	35.065	49.931	17.790	24.629	18.775	18.792	0.000	328.151
• RDTE/0305234N: Small Tactical UAS	5.071	4.835	5.360	-	5.360	5.103	5.210	5.314	5.422	Continuing	Continuing

Remarks

D. Acquisition Strategy

The program office utilized a competitive acquisition approach to award the Engineering and Manufacturing Development effort to field a capability that meets threshold requirements. Full rate production decision was successfully achieved in 4QFY16. Attrition Air Vehicles procurement from FY19 on will be done via sole source contracts with Insitu, the prime contractor. Future payload upgrades and development shall be competitively sourced or procured via Government Laboratories with Insitu performing integration efforts as required.

E. Performance Metrics

Attainment of Full Rate Production (FRP), correction of Deficiencies from the IOT&E Report, and attainment of USMC Initial Operational Capability (IOC) and Full Operational Capability (FOC) in accordance with the approved schedule.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Navy													Date: February 2018		
Appropriation/Budget Activity 1319 / 7				R-1 Program Element (Number/Name) PE 0305239M / (U)RQ-21A						Project (Number/Name) 3192 / RQ-21 BLACKJACK					
Product Development (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Upgrade Efforts/Correction of Deficiencies	C/BOA	Insitu, Inc : Bingen, WA	0.000	0.000		0.000		9.511	Jul 2019	-		9.511	0.000	9.511	-
Subtotal			0.000	0.000		0.000		9.511		-		9.511	0.000	9.511	N/A
Support (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Engineering Support	WR	NAWC-AD : Patuxent River, MD	0.000	0.000		0.000		0.556	Dec 2018	-		0.556	0.000	0.556	-
Software Engineering Support	WR	NAWC-WD : China Lake, Ca	0.000	0.000		0.000		0.222	Dec 2018	-		0.222	0.000	0.222	-
Subtotal			0.000	0.000		0.000		0.778		-		0.778	0.000	0.778	N/A
Test and Evaluation (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Development Test & Evaluation	TBD	OPTEVFOR : Norfolk, VA	0.000	0.000		0.000		0.226	Jul 2019	-		0.226	Continuing	Continuing	Continuing
Operational Test & Evaluation	WR	OPTEVFOR : Norfolk, VA	0.000	0.000		0.000		0.399	Dec 2018	-		0.399	Continuing	Continuing	Continuing
Subtotal			0.000	0.000		0.000		0.625		-		0.625	Continuing	Continuing	N/A
			Prior Years	FY 2017	FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract	
Project Cost Totals			0.000	0.000		0.000		10.914		-		10.914	Continuing	Continuing	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2019 Navy

Date: February 2018

Appropriation/Budget Activity

1319 / 7

R-1 Program Element (Number/Name)

PE 0305239M / (U)RQ-21A

Project (Number/Name)

3192 / RQ-21 BLACKJACK

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PE 0305239M: (U)RQ-21A
Navy

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Exhibit R-4A, RDT&E Schedule Details: PB 2019 Navy			Date: February 2018
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0305239M / (U)RQ-21A	Project (Number/Name) 3192 / RQ-21 BLACKJACK	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
RQ-21A				
Test and Evaluation: Follow-On Test and Evaluation 5	3	2019	4	2019
Test and Evaluation: Follow-On Test and Evaluation 6	3	2020	4	2020
Test and Evaluation: Follow-On Test and Evaluation 7	3	2021	4	2021
Test and Evaluation: Follow-On Test and Evaluation 8	3	2022	4	2022
Test and Evaluation: Follow-On Test and Evaluation 9	3	2017	4	2023