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Exhibit R-2, RDT&E Budget Item Justification: PB 2020 Missile Defense Agency	Date: March 2019
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Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 4: Advanced Component Development & Prototypes (ACD&P)</i>	R-1 Program Element (Number/Name) PE 0603907C I <i>Sea Based X-Band Radar (SBX)</i>
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COST (\$ in Millions)	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
Total Program Element	547.093	173.988	136.715	128.156	-	128.156	119.452	132.826	127.504	139.909	Continuing	Continuing
MX46: <i>Sea Based X-Band Radar Development Support</i>	527.087	170.031	130.604	123.089	-	123.089	113.857	126.654	121.220	133.078	Continuing	Continuing
MD40: <i>Program-Wide Support</i>	20.006	3.957	6.111	5.067	-	5.067	5.595	6.172	6.284	6.831	Continuing	Continuing

Program MDAP/MAIS Code: 362

Note
Decrease from FY 2019 to FY 2020 reflects completion of software and x86 processor upgrades.

A. Mission Description and Budget Item Justification

The SBX is an advanced X-band radar that provides the capability for mid-course acquisition, tracking, discrimination and hit-assessment of missile threats. The SBX radar is mounted on a mobile, ocean-going, semi-submersible platform, enabling it to cover any region of the globe. The SBX supports the Ballistic Missile Defense System (BMDS) Homeland Defense mission by tracking and discriminating sophisticated Intercontinental Ballistic Missile (ICBM) threats.

SBX operates at sea for BMDS flight and ground test participation or in an active, operational status when indications and warnings signal the need for enhanced discrimination. The SBX is located in a Pacific port when not required at sea. The SBX maintains vessel certifications for operations at sea as well as software compatibility with the BMDS.

B. Program Change Summary (\$ in Millions)	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Previous President's Budget	145.695	149.715	175.013	-	175.013
Current President's Budget	173.988	136.715	128.156	-	128.156
Total Adjustments	28.293	-13.000	-46.857	-	-46.857
• Congressional General Reductions	-1.000	0.000			
• Congressional Directed Reductions	0.000	-13.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	33.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-0.001	0.000			
• Missile Defeat and Defense Enhancement	0.000	0.000	0.000	-	0.000
• Other Adjustment	-3.706	0.000	-46.857	-	-46.857

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Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide / BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 Program Element (Number/Name) PE 0603907C / Sea Based X-Band Radar (SBX)	
<u>Change Summary Explanation</u> Increase in FY 2018 from PB19 to PB20 reflects enacted congressional adjustment for a program increase and to accelerate SBX software upgrades. Decrease in FY 2019 from PB19 to PB20 reflects enacted congressional adjustment due to FY 2018 forward financing for SBX software upgrades. Decrease in FY 2020 from PB19 to PB20 reflects delay of dry dock from FY 2020 to FY 2025.		

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Exhibit R-2A, RDT&E Project Justification: PB 2020 Missile Defense Agency										Date: March 2019		
Appropriation/Budget Activity 0400 / 4					R-1 Program Element (Number/Name) PE 0603907C / Sea Based X-Band Radar (SBX)				Project (Number/Name) MX46 / Sea Based X-Band Radar Development Support			
COST (\$ in Millions)	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
MX46: Sea Based X-Band Radar Development Support	527.087	170.031	130.604	123.089	-	123.089	113.857	126.654	121.220	133.078	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

Decrease from FY 2019 to FY 2020 reflects completion of software and x86 processor upgrades.

A. Mission Description and Budget Item Justification

This project provides developmental operations and support of the SBX Radar and its four major sub-systems: the self-propelled vessel; the X-Band Radar (XBR); the In-Flight Interceptor Communications System Data Terminal; and the communications network. Developmental operations and support activities include operation and sustainment of the vessel, developmental operation and sustainment of the XBR, limited XBR software support and vessel and shore side security. The FY 2020 budget reflects the continued development required to deliver BMDS enhanced discrimination capability.

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

	FY 2018	FY 2019	FY 2020
Title: Vessel Operations and Support	96.370	72.762	67.563
Articles:	-	-	-
<p>Description: Vessel Operations and Support provides for sustainment of the SBX vessel for full operations. This effort maintains annual surveys and U.S. Coast Guard Certifications to ensure readiness for operational contingencies, provides for resupply of SBX, and conducts in port and underway maintenance. The SBX participates in BMDS ground tests and flight tests per the Integrated Master Test Plan (IMTP). This effort also provides force protection for SBX and military flight deck upgrade.</p> <p>Specific and/or unique accomplishments to each FY are as follows:</p> <p>FY 2019 Plans: - SEE ABOVE.</p> <p>FY 2020 Plans: - SEE ABOVE</p> <p>FY 2019 to FY 2020 Increase/Decrease Statement: Decrease from FY 2019 to FY 2020 reflects a decrease in requirements after FY 2018 Congressional Plus Ups and completion of software and x86 processor upgrades.</p>			
Title: System Force Protection	5.683	0.000	0.000

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Appropriation/Budget Activity 0400 / 4		R-1 Program Element (Number/Name) PE 0603907C / Sea Based X-Band Radar (SBX)		Project (Number/Name) MX46 / Sea Based X-Band Radar Development Support	
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2019	FY 2020
<p align="right">Articles:</p> <p>Description: Provides force protection for SBX.</p> <p>FY 2019 Plans: N/A</p> <p>FY 2020 Plans: N/A</p> <p>FY 2019 to FY 2020 Increase/Decrease Statement: Funding for this effort was transferred to Vessel Operations and Support accomplishments in FY 2019.</p>			-	-	-
<p align="right">Articles:</p> <p>Title: XBR Operations and Support</p> <p>Description: This effort operates and sustains the XBR at full operations, operates and sustains SBX communications systems, performs mission integration functions, and provides support for contingency operations with manning for improved readiness enabling rapid response time from notification to underway. XBR Operations and Support maintains limited software sustainment for system capability with the BMDS and fields additional XBR capability to the Warfighter with the BMDS capability increment. This effort also provides precision track, discrimination, and hit assessment for engagement support in BMDS ground tests and flight tests per the approved IMTP. Additional development efforts include continuing XBR x86 integration to increase the XBR processing capabilities.</p> <p>Specific and/or unique accomplishments to each FY are as follows:</p> <p>FY 2019 Plans: - SEE ABOVE.</p> <p>FY 2020 Plans: - SEE ABOVE.</p> <p>FY 2019 to FY 2020 Increase/Decrease Statement: N/A</p>			67.978 -	57.842 -	55.526 -
Accomplishments/Planned Programs Subtotals			170.031	130.604	123.089

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Exhibit R-2A, RDT&E Project Justification: PB 2020 Missile Defense Agency										Date: March 2019	
Appropriation/Budget Activity 0400 / 4				R-1 Program Element (Number/Name) PE 0603907C / Sea Based X-Band Radar (SBX)				Project (Number/Name) MX46 / Sea Based X-Band Radar Development Support			
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
• 0603882C: Ballistic Missile Defense Midcourse Defense Segment	1,153.263	803.359	1,156.506	-	1,156.506	829.451	766.237	834.533	776.671	Continuing	Continuing
• 0603884C: Ballistic Missile Defense Sensors	290.289	385.375	283.487	-	283.487	296.098	263.681	276.092	351.607	Continuing	Continuing
• 0603891C: Special Programs - MDA	356.560	422.348	377.098	-	377.098	357.650	343.919	277.106	277.157	Continuing	Continuing
• 0603896C: Ballistic Missile Defense Command and Control, Battle Management & Communication	449.985	507.817	564.206	-	564.206	534.988	502.581	525.742	535.636	Continuing	Continuing
• 0603898C: Ballistic Missile Defense Joint Warfighter Support	48.574	48.767	51.532	-	51.532	51.411	53.932	53.600	54.646	Continuing	Continuing
• 0603904C: Missile Defense Integration and Operations Center (MDIOC)	51.905	58.125	56.161	-	56.161	57.446	58.574	61.144	62.339	Continuing	Continuing
• 0604879C: Ballistic Missile Defense Sensor Test	88.840	77.405	105.530	-	105.530	114.698	99.088	112.943	96.526	Continuing	Continuing
Remarks											
D. Acquisition Strategy											
SBX is contractor operated and maintained through a variety of contracts between the Navy and MDA. SBX-1 Vessel Management and Security contracts are managed by Military Sealift Command. The SBX radar is operated and maintained on contracts managed by MDA.											
E. Performance Metrics											
N/A											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2020 Missile Defense Agency												Date: March 2019			
Appropriation/Budget Activity 0400 / 4						R-1 Program Element (Number/Name) PE 0603907C / Sea Based X-Band Radar (SBX)						Project (Number/Name) MX46 / Sea Based X-Band Radar Development Support			
Product Development (\$ in Millions)				FY 2018		FY 2019		FY 2020 Base		FY 2020 OCO		FY 2020 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
Subtotal			-	-		-		-		-		-	-	-	N/A
Remarks N/A															
Support (\$ in Millions)				FY 2018		FY 2019		FY 2020 Base		FY 2020 OCO		FY 2020 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
Vessel Operations and Support - Force Protection	MIPR	Military Sealift Command : VA	0.000	0.000		6.014	Feb 2019	6.381	Oct 2019	-		6.381	Continuing	Continuing	Continuing
Vessel Operations and Support - Fuel	MIPR	Military Sealift Command : VA	43.691	11.699	Jan 2018	11.494	Jan 2019	8.256	Oct 2019	-		8.256	Continuing	Continuing	Continuing
Vessel Operations and Support - Navy Program Management Office	MIPR	Military Sealift Command : VA	4.831	1.900	Oct 2017	1.724	Oct 2018	2.639	Oct 2019	-		2.639	Continuing	Continuing	Continuing
Vessel Operations and Support - Navy Transition Office	MIPR	US Navy : AL	5.732	0.000		0.000		0.000		-		0.000	0.000	5.732	0.000
Vessel Operations and Support - Operational Support Vessel (OSV Resupply)	MIPR	Military Sealift Command : VA	10.629	17.670	Feb 2018	17.288	Feb 2019	17.412	Oct 2019	-		17.412	Continuing	Continuing	Continuing
Vessel Operations and Support - SBX Operations & Support (Vessel)	MIPR	Military Sealift Command : VA	143.533	46.128	Oct 2017	26.310	Oct 2018	23.856	Oct 2019	-		23.856	Continuing	Continuing	Continuing
Vessel Operations and Support - SBX Vessel Maintenance	MIPR	Tote : HI/NJ	28.048	8.915	Mar 2018	0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Vessel Operations and Support - Vessel Mission Integration	C/FFP	Gryphon Tech. : AL/ HI	48.290	10.058	Dec 2017	9.932	Dec 2018	9.019	Dec 2019	-		9.019	Continuing	Continuing	Continuing

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Appropriation/Budget Activity 0400 / 4						R-1 Program Element (Number/Name) PE 0603907C / Sea Based X-Band Radar (SBX)						Project (Number/Name) MX46 / Sea Based X-Band Radar Development Support			
Support (\$ in Millions)				FY 2018		FY 2019		FY 2020 Base		FY 2020 OCO		FY 2020 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
System Force Protection - Force Protection	SS/CPFF	AQuate : Hi	26.507	5.683	Oct 2017	0.000		0.000		-		0.000	Continuing	Continuing	Continuing
XBR Operations and Support - -- Civilians/ Travel	Allot	MDA : Various	0.000	0.000		0.000		2.038	Oct 2019	-		2.038	Continuing	Continuing	Continuing
XBR Operations and Support - Contract Support Services	Various	Various : Various	0.000	0.000		0.000		1.200	Oct 2019	-		1.200	Continuing	Continuing	Continuing
XBR Operations and Support - SBX Communications Support	SS/CPIF	Boeing : AL/Hi	10.140	2.701	Nov 2017	2.743	Jan 2019	1.579	Jan 2020	-		1.579	Continuing	Continuing	Continuing
XBR Operations and Support - XBR Operations & Support	SS/CPIF	Raytheon : AL/AK/Hi	205.686	65.277	Nov 2017	55.099	Dec 2018	50.709	Dec 2019	-		50.709	Continuing	Continuing	Continuing
Subtotal			527.087	170.031		130.604		123.089		-		123.089	Continuing	Continuing	N/A
Remarks N/A															
Test and Evaluation (\$ in Millions)				FY 2018		FY 2019		FY 2020 Base		FY 2020 OCO		FY 2020 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
Subtotal			-	-		-		-		-		-	-	-	N/A
Remarks N/A															

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2020 Missile Defense Agency												Date: March 2019		
Appropriation/Budget Activity 0400 / 4						R-1 Program Element (Number/Name) PE 0603907C / Sea Based X-Band Radar (SBX)				Project (Number/Name) MX46 / Sea Based X-Band Radar Development Support				

Management Services (\$ in Millions)				FY 2018		FY 2019		FY 2020 Base		FY 2020 OCO		FY 2020 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	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	-		-		-		-		-		-	-	-	N/A

Remarks N/A																
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	Prior Years	FY 2018		FY 2019		FY 2020 Base		FY 2020 OCO		FY 2020 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	527.087	170.031		130.604		123.089		-		123.089	Continuing	Continuing	N/A

Remarks Award Date reflects date of first obligation. Additional obligations may incrementally occur throughout the year.																
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Exhibit R-4, RDT&E Schedule Profile: PB 2020 Missile Defense Agency														Date: March 2019									
Appropriation/Budget Activity 0400 / 4								R-1 Program Element (Number/Name) PE 0603907C / Sea Based X-Band Radar (SBX)								Project (Number/Name) MX46 / Sea Based X-Band Radar Development Support							
Significant Event Complete ▲ Significant Event Planned △				Milestone Decision Complete ★ Milestone Decision Planned ☆				Element Test Complete ◆ Element Test Planned ◇				System Level Test Complete ● System Level Test Planned ○				Complete Activity ◆ Planned Activity ◇							
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Exhibit R-4A, RDT&E Schedule Details: PB 2020 Missile Defense Agency			Date: March 2019
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0603907C / Sea Based X-Band Radar (SBX)	Project (Number/Name) MX46 / Sea Based X-Band Radar Development Support	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
L200 (AEGIS 4.0.3)	1	2018	1	2018
GT-18 Sprint 2	4	2018	4	2018
GTI-07c (N/P) (BMDS Ground Test)	1	2020	1	2020
FTM-44 (AEGIS 5.1, DT Intercept Flight Test)	2	2020	2	2020
GTI-08 (N/P) (BMDS Ground Test)	4	2020	1	2021
GTD-08 (N/P) (BMDS Ground Test)	2	2021	2	2021
GTI-11 Sprint 1 (N/P) (BMDS Ground Test)	3	2022	3	2022
FTG-17 (GM, DT Intercept Flight Test)	1	2023	1	2023
GTI-11 Sprint 2 (N/P) (BMDS Ground Test)	1	2023	1	2023
GTI-11 Sprint 3 (N/P) (BMDS Ground Test)	3	2023	3	2023
GTD-11 (N/P) (BMDS Ground Test)	4	2023	1	2024
FTG-18 (GM, DT/OT Intercept Flight Test)	1	2024	1	2024
GTI-13 Sprint 1 (N/P) (BMDS Ground Test)	3	2024	3	2024
FTG-19 (GM, DT/OT Intercept Flight Test)	1	2025	1	2025

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Exhibit R-2A, RDT&E Project Justification: PB 2020 Missile Defense Agency										Date: March 2019		
Appropriation/Budget Activity 0400 / 4					R-1 Program Element (Number/Name) PE 0603907C / Sea Based X-Band Radar (SBX)				Project (Number/Name) MD40 / Program-Wide Support			
COST (\$ in Millions)	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
MD40: Program-Wide Support	20.006	3.957	6.111	5.067	-	5.067	5.595	6.172	6.284	6.831	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

Program Wide Support (PWS) is allocated on a pro-rata basis across multiple Agency PE's each fiscal year based on the total Agency budget, and therefore fluctuates per PE by fiscal year.

A. Mission Description and Budget Item Justification

PWS contains non-headquarters management costs in support of MDA functions and activities across the entire BMDS. It Includes Government Civilians and Contract Support Services. This provides integrity and oversight of the BMDS as well as supports MDA in the development and evaluation of technologies that will respond to the changing threat. Additionally, PWS includes personnel to support global deployments performing deployment site preparation and activation, and provides facility capabilities for MDA Executing Agent locations. Other MDA wide costs include: physical and technical security; civilian drug testing; audit readiness; the Science, Technology, Engineering, and Mathematics (STEM) program; legal services and settlements; travel and agency training; office, equipment, vehicle, and warehouse leases; utilities and base operations; data and unified communications support; supplies and maintenance; materiel and readiness and central property management of equipment; and similar operating expenses. PWS is allocated on a pro-rata basis across most Agency PEs and therefore fluctuates per PE by fiscal year based on the total Agency budget in that fiscal year.

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

	FY 2018	FY 2019	FY 2020
Title: Program Wide Support	3.957	6.111	5.067
Articles:	-	-	-
Description: PWS contains non-headquarters management costs in support of MDA functions and activities across the entire BMDS. It Includes Government Civilians and Contract Support Services. This provides integrity and oversight of the BMDS as well as supports MDA in the development and evaluation of technologies that will respond to the changing threat. Additionally, PWS includes personnel to support global deployments performing deployment site preparation and activation, and provides facility capabilities for MDA Executing Agent locations. Other MDA wide costs include: physical and technical security; civilian drug testing; audit readiness; the Science, Technology, Engineering, and Mathematics (STEM) program; legal services and settlements; travel and agency training; office, equipment, vehicle, and warehouse leases; utilities and base operations; data and unified communications support; supplies and maintenance; materiel and readiness and central property management of equipment; and similar operating expenses. PWS is allocated on a pro-rata basis across most Agency PEs and therefore fluctuates per PE by fiscal year based on the total Agency budget in that fiscal year.			
FY 2019 Plans:			

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Exhibit R-2A, RDT&E Project Justification: PB 2020 Missile Defense Agency		Date: March 2019		
Appropriation/Budget Activity 0400 / 4		R-1 Program Element (Number/Name) PE 0603907C / Sea Based X-Band Radar (SBX)		Project (Number/Name) MD40 / Program-Wide Support
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2018	FY 2019	FY 2020
- SEE ABOVE.				
FY 2020 Plans: - SEE ABOVE.				
FY 2019 to FY 2020 Increase/Decrease Statement: Decrease from FY 2019 to FY 2020 reflects the PWS allocation on a pro-rata basis across multiple Agency PE's each fiscal year based on the total Agency budget, and therefore fluctuates per PE by fiscal year.				
Accomplishments/Planned Programs Subtotals		3.957	6.111	5.067
C. Other Program Funding Summary (\$ in Millions)				
N/A				
Remarks				
D. Acquisition Strategy				
N/A				
E. Performance Metrics				
N/A				

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2020 Missile Defense Agency												Date: March 2019			
Appropriation/Budget Activity 0400 / 4						R-1 Program Element (Number/Name) PE 0603907C / Sea Based X-Band Radar (SBX)				Project (Number/Name) MD40 / Program-Wide Support					
Support (\$ in Millions)				FY 2018		FY 2019		FY 2020 Base		FY 2020 OCO		FY 2020 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
Program Wide Support - Agency Facilities, Operations and Maintenance	MIPR	Various : Multi: AK, AL, CA, CO, VA	1.613	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Program Wide Support - Agency Operations Management	Allot	Various : Multi: AL, CA, CO, VA	1.841	0.060	Jul 2018	0.093	Jul 2019	0.076	Jul 2020	-		0.076	Continuing	Continuing	Continuing
Program Wide Support - Agency Operations and Support Other Agency Services (MIPRs)	MIPR	Various : Multi: AL, CA, CO, VA	8.808	3.882	Mar 2018	6.018	Mar 2019	4.991	Nov 2019	-		4.991	Continuing	Continuing	Continuing
Program Wide Support - Agency Operations and Support Services (CPAF)	C/CPAF	Northrop Grumman : CO	7.541	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Program Wide Support - Agency Operations and Support Services (FFP)	C/FFP	Various : Multi: VA,WA	0.203	0.015		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Program Wide Support - Agency Operations and Support Services (Reqn)	Reqn	Dept of Labor : VA	0.000	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Subtotal			20.006	3.957		6.111		5.067		-		5.067	Continuing	Continuing	N/A
Remarks N/A															
			Prior Years	FY 2018		FY 2019		FY 2020 Base		FY 2020 OCO		FY 2020 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			20.006	3.957		6.111		5.067		-		5.067	Continuing	Continuing	N/A
Remarks Award Date reflects date of first obligation. Additional obligations may incrementally occur throughout the year.															

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PE 0603907C: *Sea Based X-Band Radar (SBX)* **UNCLASSIFIED**
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Exhibit R-4A, RDT&E Schedule Details: PB 2020 Missile Defense Agency			Date: March 2019
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0603907C / Sea Based X-Band Radar (SBX)	Project (Number/Name) MD40 / Program-Wide Support	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
MD40 Program-Wide Support	1	2018	4	2024