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Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Missile Defense Agency **Date:** May 2021

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 0604879C / <i>Ballistic Missile Defense Sensor Test</i>
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COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	373.696	96.082	64.245	77.428	-	77.428	-	-	-	-	-	-
MT11: <i>BMDs Radars Test</i>	357.027	91.605	61.208	74.272	-	74.272	-	-	-	-	-	-
MD40: <i>Program Wide Support</i>	16.669	4.477	3.037	3.156	-	3.156	-	-	-	-	-	-

Program MDAP/MAIS Code: 362

Note

Increase from FY 2021 to FY 2022 is in accordance with the current Integrated Master Test Plan (IMTP).

A. Mission Description and Budget Item Justification

MDA Sensors executes a robust test program that includes flight and ground tests to support both strategic and regional Missile Defense System (MDS) capabilities against medium- and long-range threats. The Sensors elements of the MDS Integrated Master Test Plan (IMTP) are intended to demonstrate the integrated missile defense capabilities under development to ensure the capabilities delivered to the Warfighter are operationally effective, suitable, and survivable. The Sensors Test Program Element specifically includes the planning, execution, and analysis of flight and ground tests, as well as the associated infrastructure to provide data required for Missile Defense technical Capability Declarations.

The Sensors Test program supports integration of radar improvements into the MDS, mid and far-term Discrimination Improvements, and Operational Test and Evaluation of the theater/regional and strategic MDS architecture.

B. Program Change Summary (\$ in Millions)	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Previous President's Budget	105.530	76.456	99.138	-	99.138
Current President's Budget	96.082	64.245	77.428	-	77.428
Total Adjustments	-9.448	-12.211	-21.710	-	-21.710
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	-12.211			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Missile Defeat and Defense Enhancement	0.000	0.000	0.000	-	0.000
• Other Adjustment	-9.448	0.000	-21.710	-	-21.710

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Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Missile Defense Agency **Date:** May 2021

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 0604879C / *Ballistic Missile Defense Sensor Test*

Change Summary Explanation

Decrease in FY 2020 reflects realignment of Agency funding from MDS Sensor Test (0604879C) to Sea Based X-Band Radar (0603907C) to initiate SBX Radome Replacement.

Decrease in FY 2021 reflects Congressional reduction for prior year test asset carryover.

Decrease in FY 2022 is in accordance with the current Integrated Master Test Plan (IMTP).

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Missile Defense Agency **Date:** May 2021

Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604879C / <i>Ballistic Missile Defense Sensor Test</i>	Project (Number/Name) MT11 / <i>BMDS Radars Test</i>
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COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
MT11: <i>BMDS Radars Test</i>	357.027	91.605	61.208	74.272	-	74.272	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

Increase from FY 2021 to FY 2022 is in accordance with the current Integrated Master Test Plan (IMTP).

A. Mission Description and Budget Item Justification

This project provides activities for planning, analysis, and execution of BMDS flight test events, including pre- and post-test ground testing such as Digital and Hardware-in-the-Loop (HWIL) System Pre-Mission Tests (SPMTs) and System Post-Flight Reconstruction (SPFR). Sensors Test provides planning, analysis, and execution in accordance with the Ground Test Concept of Operations (CONOPS) supporting the Ground Test level of effort concept for MDS system level ground tests identified in the IMTP. Test infrastructure funding provides for HWIL labs, Mission Operation Center/Mission Support Center (MOC/MSC), and program management required to operate and maintain a flight and ground test capability.

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

	FY 2020	FY 2021	FY 2022
Title: Test Resources	26.313	54.594	65.569
Articles:	-	-	-
<p>Description: Test Resources efforts include configuration and maintenance of Sensors HWILs for use in ground test execution (MDS testing and element interoperability developmental testing) and in MDS flight test execution pre-mission testing, and technical oversight to all MDS system level activities with Sensors participation. It also includes conducting the detailed test event planning and design, integration, and execution for all MDS ground test campaigns. Test Resources provides support for evolving Objective Simulation Framework (OSF) (software upgrades) integration into the MDS HWIL ground test execution and flight test execution. Beginning in FY 2021, it also provides a Level of Effort (LOE) support to MDS Ground Tests in accordance with the MDS Integrated Master Test Plan (IMTP) and the new Ground Test Concept of Operations (CONOPS).</p> <p>Specific and/or unique accomplishments to each FY are as follows:</p> <p>FY 2021 Plans: - SEE ABOVE</p> <p>FY 2022 Plans: - SEE ABOVE</p> <p>FY 2021 to FY 2022 Increase/Decrease Statement:</p>			

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Missile Defense Agency		Date: May 2021		
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604879C / <i>Ballistic Missile Defense Sensor Test</i>	Project (Number/Name) MT11 / <i>BMDS Radars Test</i>		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2020	FY 2021	FY 2022
Increase from FY 2021 to FY 2022 is in accordance with the current Integrated Master Test Plan (IMTP).				
Title: Flight Test Execution Description: Flight Test Execution includes test planning, pre-flight analysis, transportation of radars and MOC/MSC, test execution, and post-flight analysis for Sensors' participation in MDS flight tests in accordance with the MDS IMTP. Specific and/or unique accomplishments to each FY are as follows: FY 2021 Plans: - SEE ABOVE FY 2022 Plans: - SEE ABOVE FY 2021 to FY 2022 Increase/Decrease Statement: Increase from FY 2021 to FY 2022 is in accordance with the current Integrated Master Test Plan (IMTP).		33.482 -	6.614 -	8.703 -
Title: Ground Test Execution Description: Ground Test Execution includes event planning, asset integration, execution, and post-mission analysis for Sensors' participation in MDS ground tests in accordance with the MDS IMTP. Specific and/or unique accomplishments to each FY are as follows: FY 2021 Plans: -N/A FY 2022 Plans: -N/A FY 2021 to FY 2022 Increase/Decrease Statement: N/A		31.810 -	0.000 -	0.000 -
Accomplishments/Planned Programs Subtotals		91.605	61.208	74.272

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Missile Defense Agency **Date:** May 2021

Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604879C / <i>Ballistic Missile Defense Sensor Test</i>	Project (Number/Name) MT11 / <i>BMDS Radars Test</i>
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C. Other Program Funding Summary (\$ in Millions)

Line Item	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
• 0603884C: <i>Ballistic Missile Defense Sensors</i>	348.356	265.803	224.750	-	224.750	-	-	-	-	-	-
• 0603896C: <i>Ballistic Missile Defense Command and Control, Battle Management & Communication</i>	550.513	645.741	603.448	-	603.448	-	-	-	-	-	-
• 0603898C: <i>Ballistic Missile Defense Joint Warfighter Support</i>	51.095	49.560	50.594	-	50.594	-	-	-	-	-	-
• 0603904C: <i>Missile Defense Integration and Operations Center (MDIOC)</i>	54.783	55.356	52.403	-	52.403	-	-	-	-	-	-
• 0603907C: <i>Sea Based X-Band Radar (SBX)</i>	137.604	118.318	147.241	-	147.241	-	-	-	-	-	-
• 0603914C: <i>Ballistic Missile Defense Test</i>	398.939	365.208	362.906	-	362.906	-	-	-	-	-	-
• 0604672C: <i>Homeland Defense Radar-Hawaii</i>	181.569	133.000	0.000	-	0.000	-	-	-	-	-	-
• 0604673C: <i>Pacific Discriminating Radar</i>	2.921	0.000	0.000	-	0.000	-	-	-	-	-	-
• 0604873C: <i>Long Range Discrimination Radar (LRDR)</i>	131.135	138.317	133.335	-	133.335	-	-	-	-	-	-

Remarks

D. Acquisition Strategy

Test & Evaluation projects use multiple existing development and MDS test contracts depending on the system(s) involved in the testing.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Missile Defense Agency												Date: May 2021			
Appropriation/Budget Activity					R-1 Program Element (Number/Name)					Project (Number/Name)					
0400 / 4					PE 0604879C / Ballistic Missile Defense Sensor Test					MT11 / BMDS Radars Test					
Test and Evaluation (\$ in Millions)				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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
Test Resources - AN/TPY-2, SBX, UEWR & CD OSF Integration & Infrastructure, Sys Test Lab	C/CPAF	Raytheon : MA	65.889	14.513	Nov 2019	30.932	Nov 2020	37.393	Nov 2021	-		37.393	Continuing	Continuing	Continuing
Test Resources - Civilians/Travel	Allot	MDA : AL/VA	0.000	4.435	Oct 2019	5.640	Oct 2020	4.415	Oct 2021	-		4.415	Continuing	Continuing	Continuing
Test Resources - Communications Development - OGA	MIPR	Secretary of the Air Force (SAF) : NCR	0.000	1.516	Jan 2020	0.000		0.000		-		0.000	0.000	1.516	0.000
Test Resources - Contract Support Services	Various	Various : Various	0.000	3.668	Oct 2019	3.616	Oct 2020	3.682	Oct 2021	-		3.682	Continuing	Continuing	Continuing
Test Resources - Cyber Win10 Implementation - MDDC Lab Analysis Infrastructure	C/IDIQ	Analytical Services, Inc. : AL	0.825	0.000		0.000		0.000		-		0.000	0.000	0.825	0.000
Test Resources - Cybersecurity - BGTC and SBIRS	C/IDIQ	Northrop Grumman Space & Mission System : CO	1.600	0.000		0.000		0.000		-		0.000	0.000	1.600	0.000
Test Resources - Cybersecurity - Tactical Communication Environment Segment (TCES)	MIPR	SPAWAR : CA	0.190	0.000		0.000		0.000		-		0.000	0.000	0.190	0.000
Test Resources - General Infrastructure and OGA Support	Various	Various : AL, NM	3.293	0.000		4.471	Nov 2020	6.983	Nov 2021	-		6.983	Continuing	Continuing	Continuing
Test Resources - LRDR OSF Integration & Infrastructure, Sys Test Lab	C/CPFF	Lockheed Martin : NJ	1.380	2.181	Jan 2020	9.935	Nov 2020	13.096	Nov 2021	-		13.096	Continuing	Continuing	Continuing
Test Resources - UEWR SSF Integration &	C/FPIF	deciBel : AL	14.655	0.000		0.000		0.000		-		0.000	0.000	14.655	0.000

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Missile Defense Agency **Date:** May 2021

Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604879C / <i>Ballistic Missile Defense Sensor Test</i>	Project (Number/Name) MT11 / <i>BMDS Radars Test</i>
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Test and Evaluation (\$ in Millions)				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Infrastructure, Sys Test Lab															
Flight Test Execution - AN/TPY-2, SBX UEWR & CD MDS Level Testing	C/CPAF	Raytheon : MA	124.570	2.453	Mar 2020	2.410	Mar 2021	3.284	Nov 2021	-		3.284	Continuing	Continuing	Continuing
Flight Test Execution - Agency Level Testing Support	C/CPAF	L-3 Communications : AL	0.000	17.000	Jan 2020	0.000		0.000		-		0.000	0.000	17.000	0.000
Flight Test Execution - FT Security, Site Activation & Deployments MDS Level Testing	Various	Various : AI, CO, HI, Wake Island	33.471	7.807	Oct 2019	0.000		0.000		-		0.000	0.000	41.278	0.000
Flight Test Execution - LRDR MDS Level Testing	SS/TBD	Lockheed Martin : NJ	0.032	4.956	Sep 2020	4.204	Sep 2021	5.419	Nov 2021	-		5.419	Continuing	Continuing	Continuing
Flight Test Execution - OGA Sensor Research & Development	MIPR	Secretary of the Air Force : NCR	4.500	0.000		0.000		0.000		-		0.000	0.000	4.500	0.000
Flight Test Execution - System-Level Post Flight Reconstruction (SPFR)	MIPR	CCDC AVMC : AL	1.470	1.266	Jun 2020	0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Flight Test Execution - UEWR/CD MDS Level Testing	C/FPIF	decibel : AL	1.152	0.000		0.000		0.000		-		0.000	0.000	1.152	0.000
Ground Test Execution - AN/TPY-2, SBX, UEWR/CD MDS Level Testing	C/CPAF	Raytheon : MA	104.000	21.324	Feb 2020	0.000		0.000		-		0.000	0.000	125.324	0.000
Ground Test Execution - Long Range Discrimination MDS Level Testing	C/CPFF	Lockheed Martin : NJ	0.000	10.486	Oct 2019	0.000		0.000		-		0.000	0.000	10.486	0.000
Subtotal			357.027	91.605		61.208		74.272		-		74.272	Continuing	Continuing	N/A

Remarks
N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Missile Defense Agency								Date: May 2021			
Appropriation/Budget Activity 0400 / 4				R-1 Program Element (Number/Name) PE 0604879C / <i>Ballistic Missile Defense Sensor Test</i>				Project (Number/Name) MT11 / <i>BMDS Radars Test</i>			
	Prior Years	FY 2020		FY 2021		FY 2022 Base	FY 2022 OCO	FY 2022 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	357.027	91.605		61.208		74.272	-	74.272	Continuing	Continuing	N/A

Remarks

Award Dates reflect date of first obligation. Additional obligations may incrementally occur throughout the year.

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Exhibit R-4, RDT&E Schedule Profile: PB 2022 Missile Defense Agency **Date: May 2021**

Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604879C / <i>Ballistic Missile Defense Sensor Test</i>	Project (Number/Name) MT11 / <i>BMDS Radars Test</i>
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	Significant Event Complete ▲		Milestone Decision Complete ★		Element Test Complete ◆		System Level Test Complete ●		Complete Activity ◆					
	Significant Event Planned △		Milestone Decision Planned ☆		Element Test Planned ◇		System Level Test Planned ○		Planned Activity ◇					
	FY 2020		FY 2021		FY 2022		FY 2023		FY 2024		FY 2025		FY 2026	
GTI-07c (N/I) (MDS Ground Test)	◆													
GTI-20 Sprint 1(E/C) (MDS Ground Test)		◆												
GTI-20 Sprint 2 (JEON) (MDS Ground Test)			◆											
Site 4c SICO (MDS Ground Test)				◆										
GTI-08a (N/I) (MDS Ground Test)				◇	◇	◇	◇	◇						
FTM-44 (AEGIS 5.1, DT Intercept Flight Test)				▲										
GTI-21 Sprint 1 (JEON) TH 4.0 (MDS Ground Test)					◇	◇								
FTX-43 (OTHER, DT Tracking Exercise Flight Test)						△								
TH CTV-01 (LTPO, DT Interceptor Only Flight Test)							△							
FTT-21 (TH, DT Intercept Flight Test)							△							
SM CTV-04 (AEGIS 5.1, DT Interceptor Only Flight Test)							△							
GTI-ISR (21) (MDS Ground Test)								◇						
GTI-09 Sprint 1 (E/C) (MDS Ground Test)									◇					
GTD-08a (N/I) (MDS Ground Test)										◇				
GTI-09 Sprint 2 (E/C) (MDS Ground Test)											◇			
GTI-08b Sprint 1 (N/I) (MDS Ground Test)												◇		
FTX-26 (OT) (SN, OT Target Only Flight Test)													△	
GTD-09 (E/C) (MDS Ground Test)														◇

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Exhibit R-4A, RDT&E Schedule Details: PB 2022 Missile Defense Agency		Date: May 2021
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604879C / <i>Ballistic Missile Defense Sensor Test</i>	Project (Number/Name) MT11 / <i>BMDS Radars Test</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
GTI-07c (N/I) (MDS Ground Test)	1	2020	1	2020
GTI-20 Sprint 1(E/C) (MDS Ground Test)	2	2020	2	2020
GTI-20 Sprint 2 (JEON) (MDS Ground Test)	3	2020	3	2020
Site 4c SICO (MDS Ground Test)	4	2020	4	2020
GTI-08a (N/I) (MDS Ground Test)	4	2020	4	2021
FTM-44 (AEGIS 5.1, DT Intercept Flight Test)	1	2021	1	2021
GTI-21 Sprint 1 (JEON) TH 4.0 (MDS Ground Test)	2	2021	3	2021
FTX-43 (OTHER, DT Tracking Exercise Flight Test)	3	2021	3	2021
TH CTV-01 (LTPO, DT Interceptor Only Flight Test)	4	2021	4	2021
FTT-21 (TH, DT Intercept Flight Test)	4	2021	4	2021
SM CTV-04 (AEGIS 5.1, DT Interceptor Only Flight Test)	4	2021	4	2021
GTI-ISR (21) (MDS Ground Test)	1	2022	1	2022
GTI-09 Sprint 1 (E/C) (MDS Ground Test)	1	2022	1	2022
GTD-08a (N/I) (MDS Ground Test)	2	2022	2	2022
GTI-09 Sprint 2 (E/C) (MDS Ground Test)	2	2022	3	2022
GTI-08b Sprint 1 (N/I) (MDS Ground Test)	3	2022	3	2022
FTX-26 (OT) (SN, OT Target Only Flight Test)	4	2022	4	2022
GTD-09 (E/C) (MDS Ground Test)	4	2022	4	2022

Note

FY 2020 Joint Emerging Operational Needs (JEON) tests are funded in Program Element (PE) 0603914C BMD Test. Based on the OUSD(C) FY 2022 President's Budget Submission Guidance, fiscal years covered in the justification material will include FY 2020 through FY 2022. Planned entries in the R4 may continue past FY 2022, out-years will be addressed in future budget submissions.

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Missile Defense Agency **Date:** May 2021

Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604879C / <i>Ballistic Missile Defense Sensor Test</i>	Project (Number/Name) MD40 / <i>Program Wide Support</i>
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COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
MD40: <i>Program Wide Support</i>	16.669	4.477	3.037	3.156	-	3.156	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-	-	-

Note

Program Wide Support (PWS) is allocated on a pro-rata basis across multiple Agency PEs 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 MDS. These functions include Government Civilians and Contract Support Services. This effort provides integrity and oversight of the MDS 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 worldwide. 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 across multiple geographic locations; commercial and ancillary facility services; management of all facility aspects regardless of lifecycle stage; supplies and maintenance; compliance with statutory environmental requirements; data and unified communications support; materiel and readiness and central property management of equipment; Facilities Sustainment, Restoration and Modernization (FSRM) program, (formerly Real Property Maintenance) to keep the Department's inventory of facilities in good working order; 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 2020	FY 2021	FY 2022
Title: Program Wide Support	4.477	3.037	3.156
Articles:	-	-	-
Description: PWS contains non-headquarters management costs in support of MDA functions and activities across the entire MDS. These functions include Government Civilians and Contract Support Services. This effort provides integrity and oversight of the MDS 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 worldwide. 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 across multiple geographic locations; commercial and ancillary facility services; management of all facility aspects regardless of lifecycle stage; supplies and maintenance; compliance with statutory environmental requirements; data and unified communications support; materiel and readiness and central property management of equipment; Facilities Sustainment,			

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Missile Defense Agency		Date: May 2021
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604879C / <i>Ballistic Missile Defense Sensor Test</i>	Project (Number/Name) MD40 / <i>Program Wide Support</i>

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2020	FY 2021	FY 2022
Restoration and Modernization (FSRM) program, (formerly Real Property Maintenance) to keep the Department's inventory of facilities in good working order; 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.			
<i>FY 2021 Plans:</i> - SEE ABOVE.			
<i>FY 2022 Plans:</i> - SEE ABOVE.			
<i>FY 2021 to FY 2022 Increase/Decrease Statement:</i> N/A			
Accomplishments/Planned Programs Subtotals	4.477	3.037	3.156

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

N/A

Remarks

D. Acquisition Strategy

N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Missile Defense Agency **Date:** May 2021

Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604879C / <i>Ballistic Missile Defense Sensor Test</i>	Project (Number/Name) MD40 / <i>Program Wide Support</i>
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Support (\$ in Millions)				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Program Wide Support - Agency Operations Management	Various	Various : Multi: AL, VA	2.192	0.067	Jul 2020	0.092	Jul 2021	0.112	Apr 2022	-		0.112	Continuing	Continuing	Continuing
Program Wide Support - Agency Operations and Support Services	MIPR	Various : Multi: AL, VA	14.477	4.410	Jul 2020	2.945	Jul 2021	3.044	Apr 2022	-		3.044	Continuing	Continuing	Continuing
Subtotal			16.669	4.477		3.037		3.156		-		3.156	Continuing	Continuing	N/A

Remarks
N/A

	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	16.669	4.477	3.037	3.156	-	3.156	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 2022 Missile Defense Agency **Date:** May 2021

Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604879C / <i>Ballistic Missile Defense Sensor Test</i>	Project (Number/Name) MD40 / <i>Program Wide Support</i>
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Significant Event Complete ▲	Milestone Decision Complete ★	Element Test Complete ◆	System Level Test Complete ●	Complete Activity ◆														
Significant Event Planned △	Milestone Decision Planned ☆	Element Test Planned ◇	System Level Test Planned ○	Planned Activity ◇														
					FY 2020		FY 2021		FY 2022		FY 2023		FY 2024		FY 2025		FY 2026	
MD40 Program-Wide Support					◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2022 Missile Defense Agency		Date: May 2021
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0604879C / <i>Ballistic Missile Defense Sensor Test</i>	Project (Number/Name) MD40 / <i>Program Wide Support</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
MD40 Program-Wide Support	1	2020	4	2022

Note

Based on the OUSD(C) FY 2022 President's Budget Submission Guidance, fiscal years covered in the justification material will include FY 2020 through FY 2022. Planned entries in the R4 may continue past FY 2022, out-years will be addressed in future budget submissions.