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Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Missile Defense Agency **Date:** April 2022

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide / BA 4: Advanced Component Development & Prototypes (ACD&P)</i>	R-1 Program Element (Number/Name) PE 0603913C / <i>Israeli Cooperative Programs</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	2,158.391	300.000	300.000	300.000	-	300.000	300.000	300.000	300.000	300.000	Continuing	Continuing
MD26: <i>Arrow Weapon System</i>	833.645	173.000	173.000	173.000	-	173.000	173.000	173.000	173.000	173.000	Continuing	Continuing
MD34: <i>Short Range Ballistic Missile Defense (SRBMD) (David's Sling Weapon System (DSWS))</i>	1,324.746	127.000	127.000	127.000	-	127.000	127.000	127.000	127.000	127.000	Continuing	Continuing

Program MDAP/MAIS Code: 362

Note
 Content supports expected contributions from Israel per international agreements.

A. Mission Description and Budget Item Justification
 Since 1986, the United States (U.S.) and the State of Israel have cooperated on missile defense. Currently, the Missile Defense Agency (MDA) has two major projects with Israel to develop and improve their indigenous capability to defend against short range rockets, cruise missiles, and short and medium range ballistic missiles. These include the Arrow Weapon System (AWS) (MD26) and the Short Range Ballistic Missile Defense (SRBMD) David's Sling Weapon System (DSWS)(MD34). Within these projects MDA along with Israeli Missile Defense Organization (IMDO) develops and produces weapon systems, conducts tests, and exercises interoperability between the U.S. Missile Defense System (MDS) and the Israeli Missile Defense Architecture.

The U.S. and State of Israel entered into a Memorandum of Understanding (MOU) on September 2016, in which "Such funding, should over a ten year period beginning in FY 2019 and ending in FY 2028, be provided at a level of \$500 million per year." (U.S. contributions only). These funds will be distributed between the Israeli Programs in Research Development Test & Evaluation (RDT&E) and Procurement Funds.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Missile Defense Agency	Date: April 2022
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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 0603913C / <i>Israeli Cooperative Programs</i>
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B. Program Change Summary (\$ in Millions)	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Previous President's Budget	300.000	300.000	0.000	-	0.000
Current President's Budget	300.000	300.000	300.000	-	300.000
Total Adjustments	0.000	0.000	300.000	-	300.000
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• 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	0.000	0.000	300.000	-	300.000

Change Summary Explanation

FY 2023 funding increase reflects the fact that the FY 2022 President's Budget request did not include out-year funding.

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Missile Defense Agency **Date:** April 2022

Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0603913C / <i>Israeli Cooperative Programs</i>	Project (Number/Name) MD26 / <i>Arrow Weapon System</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
MD26: <i>Arrow Weapon System</i>	833.645	173.000	173.000	173.000	-	173.000	173.000	173.000	173.000	173.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

This project encompasses the Missile Defense Agency's (MDA) U.S.-Israeli cooperative program for the Israeli AWS Program.

A. Mission Description and Budget Item Justification

Israeli AWS: This system includes block upgrades to the AWS components which enhances capabilities against evolving medium range threats by increasing the total defended area. AWS elements include the Arrow-2 and Arrow-3 missiles and launchers, Citron Tree Battle Management Center (BMC), Green Pine (GP) and Super Green Pine (SGP) Radars, and the Hazelnut Tree Launcher Control Center (LCC).

Arrow Block 5 development incorporates a Long Range Detection Suite (LRDS) that consists of an Airborne Early Warning System (ABEWS) and Sharp Eye Radar for increased sensor range, early detection and enhanced raid size capacity. In addition, an Arrow-4 interceptor is being developed. The program also includes the continued development of Arrow's interoperability with U.S. MDS.

The U.S. and State of Israel entered into a Memorandum of Understanding (MOU) on September 2016, in which "Such funding, should over a ten year period beginning in FY 2019 and ending in FY 2028, be provided at a level of \$500 million per year." (U.S. contributions only). These funds will be distributed between the Israeli Programs in Research Development Test & Evaluation (RDT&E) and Procurement Funds.

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

	FY 2021	FY 2022	FY 2023
Title: Arrow Weapon System	167.940	167.940	167.940
Articles:	-	-	-
Description: The AWS continues Block 5 spiral development and target development. Included is the integration of Block 5 assets, which consists of the Arrow-3 missile, launcher, LRDS and Arrow-4 interceptor. Continue proven Interoperability with U.S. Assets and enhancements to existing AWS System Components. Specific and/or unique planned accomplishments to each FY are as follows:			
FY 2022 Plans:			
-Continue Block 5.0 and Initiate Block 5.1 Development			
-Conduct Arrow-4 Critical Design Review (CDR) and Launcher Development			
-Conduct Block 5.0 Flight Test proving improved system performance			

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Missile Defense Agency		Date: April 2022		
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0603913C / <i>Israeli Cooperative Programs</i>	Project (Number/Name) MD26 / <i>Arrow Weapon System</i>		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2021	FY 2022	FY 2023
<p>-Begin System Integration of Sharp Eye Sensors</p> <p>FY 2023 Plans:</p> <p>-Complete Block 5.0 and Continue Block 5.1 Development (Conduct System Readiness Review (SRR))</p> <p>-Continue Arrow-4 Interceptor and Launcher Development and Conduct an Arrow 4 Fly Out</p> <p>-Conduct Block 5.0 Flight Test proving improved system performance</p> <p>-Continue LRDS development and Integration into the AWS</p> <p>-Procurement of Targets for Future AWS System Tests</p> <p>FY 2022 to FY 2023 Increase/Decrease Statement: N/A</p>				
<p>Title: Israeli Test Bed (ITB)</p> <p align="right">Articles:</p> <p>Description: The Israeli Test Bed (ITB) provides experiments to evaluate Human Machine Interface (HMI) battle management and integration of Block 5 AWS Techniques Tactics and Procedures (TTPs) and CONOPS. Specific and/or unique accomplishments to each FY are as follows:</p> <p>FY 2022 Plans: -SEE ABOVE.</p> <p>FY 2023 Plans: -SEE ABOVE.</p> <p>FY 2022 to FY 2023 Increase/Decrease Statement: N/A</p>		3.535	3.535	3.535
		-	-	-
<p>Title: Israeli Systems Architecture and Integration (ISA&I)</p> <p align="right">Articles:</p> <p>Description: The Israeli Systems Architecture and Integration (ISA&I) conducts studies to assess Israel's future 2032 Missile Defense Architecture. This identifies the preferred missile defense architecture and reference threat for 10-15 year future epoch and interoperability special studies on regional threats and growth path options. Specific and/or unique accomplishments to each FY are as follows:</p> <p>FY 2022 Plans:</p>		1.525	1.525	1.525
		-	-	-

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Missile Defense Agency		Date: April 2022
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0603913C / <i>Israeli Cooperative Programs</i>	Project (Number/Name) MD26 / <i>Arrow Weapon System</i>

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2021	FY 2022	FY 2023
-SEE ABOVE.			
<i>FY 2023 Plans:</i> -SEE ABOVE.			
<i>FY 2022 to FY 2023 Increase/Decrease Statement:</i> N/A			
Accomplishments/Planned Programs Subtotals	173.000	173.000	173.000

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

<u>Line Item</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u> <u>Base</u>	<u>FY 2023</u> <u>OCO</u>	<u>FY 2023</u> <u>Total</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• 0208866C: MD26: Arrow 3 <i>Upper Tier System Procurement</i>	77.000	62.000	80.000	-	80.000	80.000	80.000	80.000	80.000	Continuing	Continuing

Remarks

D. Acquisition Strategy

The MDA - U.S. Israeli Cooperative Program Office jointly manages the Arrow Program with IMDO to ensure that all systems are delivered with quality, on time, on budget, and meet the needs of the warfighter. The program funding is equitably funded between the U.S. and Israel with Israel providing matching contributions. However, a portion of the Israeli cost share comes from non-financial contributions such as previously completed work prior to joint program initiation. Contracts are awarded by IMDO or MDA, dependent on what is most advantageous to the Joint Governments. In regard to AWS, IMDO contracts on behalf of U.S. government with Israel Aerospace Industries (IAI). IAI subcontracts with Israeli and U.S. companies. For the ITB, the MDA contracts directly with Elbit Systems, Ltd. while IMDO provides an equitable share of the funding to the U.S. Finally, MDA provides funding and contracts directly with WALES, Ltd. for the ISA&I program.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Missile Defense Agency **Date:** April 2022

Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0603913C / <i>Israeli Cooperative Programs</i>	Project (Number/Name) MD26 / <i>Arrow Weapon System</i>
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Product Development (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
Arrow Weapon System - AWS	C/CPFF	Israel Aerospace Industries (IAI) : Israel	761.333	167.940	Dec 2020	167.940	Dec 2021	167.940	Dec 2022	-		167.940	Continuing	Continuing	Continuing
Israeli Test Bed (ITB) - ITB	C/FFP	Elbit Systems : Israel	42.420	3.535	Nov 2020	3.535	Nov 2021	3.535	Nov 2022	-		3.535	Continuing	Continuing	Continuing
Israeli Systems Architecture and Integration (ISA&I) - ISA&I	C/FFP	Wales LTD : Israel	29.892	1.525	Dec 2020	1.525	Dec 2021	0.000		-		0.000	Continuing	Continuing	Continuing
Israeli Systems Architecture and Integration (ISA&I) - ISA&I- New Contract	C/FFP	TBD : TBD	0.000	0.000		0.000		1.525	Dec 2022	-		1.525	Continuing	Continuing	Continuing
Subtotal			833.645	173.000		173.000		173.000		-		173.000	Continuing	Continuing	N/A

Remarks
ISA&I Contract will be recompeted.

Support (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
Subtotal			-	-		-		-		-		-	-	-	N/A

Remarks
N/A

Test and Evaluation (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
Subtotal			-	-		-		-		-		-	-	-	N/A

Remarks
N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Missile Defense Agency **Date:** April 2022

Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0603913C / <i>Israeli Cooperative Programs</i>	Project (Number/Name) MD26 / <i>Arrow Weapon System</i>
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Management Services (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
Subtotal			-	-		-		-		-		-	-	-	N/A

Remarks
N/A

	Prior Years	FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
		Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Project Cost Totals	833.645	173.000		173.000		173.000		-		173.000	Continuing	Continuing	N/A

Remarks
Contract cost reflect U.S. contribution only.
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 2023 Missile Defense Agency **Date:** April 2022

Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0603913C / <i>Israeli Cooperative Programs</i>	Project (Number/Name) MD26 / <i>Arrow Weapon System</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 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
Israeli Test Bed Exercise to include Ground Test (GT) Support FY 2021	◆	◆	◆	◆																								
Israeli Test Bed Experiments FY 2021	◆	◆	◆	◆																								
Israeli Test Bed Experiments FY 2022					◇	◇	◇	◇																				
Arrow Weapon System Flight Test FY 2022					◇	◇	◇	◇																				
Israeli Test Bed Experiments FY 2023									◇	◇	◇	◇																
Israeli Test Bed Exercise to include Ground Test (GT) Support FY 2023									◇	◇	◇	◇																
Arrow Weapon System Flight Test FY 2023									◇	◇	◇	◇																
Israeli Test Bed Experiments FY 2024													◇	◇	◇	◇												
Arrow Weapon System Flight Test FY 2024													◇	◇	◇	◇												
Israeli Test Bed Exercise to include Ground Test (GT) Support FY 2025																	◇	◇	◇	◇								
Israeli Test Bed Experiments FY 2025																	◇	◇	◇	◇								
Arrow Weapon System Flight Test FY 2025																	◇	◇	◇	◇								
Israeli Test Bed Experiments FY 2026																					◇	◇	◇	◇				
Arrow Weapon System Flight Test FY 2026																					◇	◇	◇	◇				
Israeli Test Bed Experiments FY 2027																									◇	◇	◇	◇
Arrow Weapon System Flight Test FY 2027																									◇	◇	◇	◇

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Exhibit R-4A, RDT&E Schedule Details: PB 2023 Missile Defense Agency **Date:** April 2022

Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0603913C / <i>Israeli Cooperative Programs</i>	Project (Number/Name) MD26 / <i>Arrow Weapon System</i>
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Israeli Test Bed Exercise to include Ground Test (GT) Support FY 2021	1	2021	4	2021
Israeli Test Bed Experiments FY 2021	1	2021	4	2021
Israeli Test Bed Experiments FY 2022	1	2022	4	2022
Arrow Weapon System Flight Test FY 2022	1	2022	4	2022
Israeli Test Bed Experiments FY 2023	1	2023	4	2023
Israeli Test Bed Exercise to include Ground Test (GT) Support FY 2023	1	2023	4	2023
Arrow Weapon System Flight Test FY 2023	1	2023	4	2023
Israeli Test Bed Experiments FY 2024	1	2024	4	2024
Arrow Weapon System Flight Test FY 2024	1	2024	4	2024
Israeli Test Bed Exercise to include Ground Test (GT) Support FY 2025	1	2025	4	2025
Israeli Test Bed Experiments FY 2025	1	2025	4	2025
Arrow Weapon System Flight Test FY 2025	1	2025	4	2025
Israeli Test Bed Experiments FY 2026	1	2026	4	2026
Arrow Weapon System Flight Test FY 2026	1	2026	4	2026
Israeli Test Bed Experiments FY 2027	1	2027	4	2027
Arrow Weapon System Flight Test FY 2027	1	2027	4	2027

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Missile Defense Agency										Date: April 2022		
Appropriation/Budget Activity 0400 / 4					R-1 Program Element (Number/Name) PE 0603913C / <i>Israeli Cooperative Programs</i>				Project (Number/Name) MD34 / <i>Short Range Ballistic Missile Defense (SRBMD)(David's Sling Weapon System (DSWS))</i>			
COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
MD34: <i>Short Range Ballistic Missile Defense (SRBMD)(David's Sling Weapon System (DSWS))</i>	1,324.746	127.000	127.000	127.000	-	127.000	127.000	127.000	127.000	127.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

This project encompasses the Missile Defense Agency's (MDA) U.S.-Israeli cooperative program for the Israeli David's Sling Weapon System Program.

A. Mission Description and Budget Item Justification

Israeli SRBMD, also known as the DSWS, is designed to counter short range rockets, cruise missiles, and tactical ballistic missiles and is integrated into the Israeli Missile Defense Architecture. The DSWS includes the Stunner Interceptor for Block 2 and a modified Stunner for Block 3 Capabilities, Missile Firing Unit (MFU), Multi-Mission Radar (MMR), Launch Site Controller (LSC), Data Link (DL), Elevated Sensor (ES), and the Golden Almond Battle Management Center (BMC).

The United States (U.S.) and State of Israel entered into a Memorandum of Understanding (MOU) on September 2016, in which "Such funding, should over a ten year period beginning in FY 2019 and ending in FY 2028, be provided at a level of \$500 million per year." (U.S. contributions only). These funds will be distributed between the Israeli Programs in Research Development Test & Evaluation (RDT&E) and Procurement Funds.

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

	FY 2021	FY 2022	FY 2023
Title: SRBMD Program	127.000	127.000	127.000
Articles:	-	-	-
<p>Description: The DSWS continues system development, testing, and integration of spiral software development for Blocks 2-3. Block 2 will add capability to defend against cruise missiles and tactical ballistic missiles. Block 3 will provide robust defense capability and add significant detection capability to the Israeli Air Defense Architecture.</p> <p>Recurring Planned Accomplishments include:</p> <ul style="list-style-type: none"> - Conduct Testing of the DSWS - Continue Blocks 2 and 3 Spiral Development of the DSWS - Establish and Continue Interoperability with Israeli Air Missile Defense Network <p>Specific and/or unique accomplishments to each FY are as follows:</p> <p>FY 2022 Plans:</p>			

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Exhibit R-2A, RDT&E Project Justification: PB 2023 Missile Defense Agency		Date: April 2022
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0603913C / Israeli Cooperative Programs	Project (Number/Name) MD34 / Short Range Ballistic Missile Defense (SRBMD)(David's Sling Weapon System (DSWS))

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2021	FY 2022	FY 2023
-Continue Block 2/3.1 enhanced DSWS capability development -Begin Block 3 Stunner Initial Lot Production (ILP) Long Lead Items -Testing of the Elevated Sensor -Procurement of U.S. Targets for Future DSWS System Tests FY 2023 Plans: -Conduct Block 3 Interceptor Flight Test in support of Initial Lot Production (ILP) Production Readiness Review (PRR) -Continue Block 3.1 spiral development (conduct Critical Design Review (CDR)) -Continue testing of the Elevated Sensor -Procurement of U.S. Targets for Future DSWS System Tests -Conduct Block 2.2 Flight Test FY 2022 to FY 2023 Increase/Decrease Statement: N/A			
Accomplishments/Planned Programs Subtotals	127.000	127.000	127.000

C. Other Program Funding Summary (\$ in Millions)												
<u>Line Item</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u> <u>Base</u>	<u>FY 2023</u> <u>OCO</u>	<u>FY 2023</u> <u>Total</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>	
• 06028866C: MD34: Short Range Ballistic Missile Defense (SRBMD)(David's Sling Weapon System (DSWS)) Procurement	50.000	30.000	40.000	-	40.000	40.000	40.000	40.000	40.000	40.000	Continuing	Continuing

Remarks

D. Acquisition Strategy

The MDA- U.S. Israeli Cooperative Program Office jointly manages the DSWS Program with IMDO to ensure that all systems are delivered with quality, on time, on budget, and meet the needs of the warfighter. The program funding is equitably funded between the U.S. and Israel with Israel providing matching contributions. However, a portion of the Israeli cost share comes from non-financial contributions such as previously completed work prior to joint program initiation. Contracts are awarded by IMDO or MDA, dependent on what is most advantageous to the Joint Governments. In regard to DSWS, IMDO contracts on behalf of U.S. government with Rafael. Rafael subcontracts with Israeli and U.S. companies.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Missile Defense Agency												Date: April 2022		
Appropriation/Budget Activity 0400 / 4				R-1 Program Element (Number/Name) PE 0603913C / Israeli Cooperative Programs				Project (Number/Name) MD34 / Short Range Ballistic Missile Defense (SRBMD)(David's Sling Weapon System (DSWS))						

Product Development (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
SRBMD Program - SRBMD Program	C/CPFF	Rafael : Israel	1,324.746	127.000	Dec 2020	127.000	Dec 2021	127.000	Dec 2022	-		127.000	Continuing	Continuing	Continuing
Subtotal			1,324.746	127.000		127.000		127.000		-		127.000	Continuing	Continuing	N/A

Remarks
N/A

Support (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
Subtotal			-	-		-		-		-		-	-	-	N/A

Remarks
N/A

Test and Evaluation (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
Subtotal			-	-		-		-		-		-	-	-	N/A

Remarks
N/A

Management Services (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
Subtotal			-	-		-		-		-		-	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Missile Defense Agency											Date: April 2022		
Appropriation/Budget Activity 0400 / 4					R-1 Program Element (Number/Name) PE 0603913C / <i>Israeli Cooperative Programs</i>				Project (Number/Name) MD34 / <i>Short Range Ballistic Missile Defense (SRBMD)(David's Sling Weapon System (DSWS))</i>				

Management Services (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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

Remarks
N/A

	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	1,324.746	127.000	127.000	127.000	-	127.000	Continuing	Continuing	N/A

Remarks
Contract cost reflect U.S. contribution only.
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 2023 Missile Defense Agency **Date:** April 2022

Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0603913C / Israeli Cooperative Programs	Project (Number/Name) MD34 / Short Range Ballistic Missile Defense (SRBMD)(David's Sling Weapon System (DSWS))
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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 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
System Flight Test #7 FY 2021					◆	◆	◆	◆																								
System Flight Test #8 FY 2023													◇	◇	◇	◇																
System Flight Test #9 FY 2024																	◇	◇	◇	◇												
System Flight Test #10 FY 2025																					◇	◇	◇	◇								
System Flight Test #11 FY 2026																									◇	◇	◇	◇				
System Flight Test #12 FY 2027																													◇	◇	◇	◇

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2023 Missile Defense Agency		Date: April 2022
Appropriation/Budget Activity 0400 / 4	R-1 Program Element (Number/Name) PE 0603913C / <i>Israeli Cooperative Programs</i>	Project (Number/Name) MD34 / <i>Short Range Ballistic Missile Defense (SRBMD)(David's Sling Weapon System (DSWS))</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
System Flight Test #7 FY 2021	1	2021	4	2021
System Flight Test #8 FY 2023	1	2023	4	2023
System Flight Test #9 FY 2024	1	2024	4	2024
System Flight Test #10 FY 2025	1	2025	4	2025
System Flight Test #11 FY 2026	1	2026	4	2026
System Flight Test #12 FY 2027	1	2027	4	2027