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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2021 Office of the Secretary Of Defense **Date:** February 2020

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 6: RDT&amp;E Management Support</i>	<b>R-1 Program Element (Number/Name)</b> PE 0604774D8Z I <i>Defense Readiness Reporting System (DRRS)</i>
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COST (\$ in Millions)	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
Total Program Element	41.555	6.606	9.724	9.793	-	9.793	9.858	9.925	9.925	10.124	Continuing	Continuing
<i>774: Defense Readiness Reporting System (DRRS)</i>	41.555	6.606	9.724	9.793	-	9.793	9.858	9.925	9.925	10.124	Continuing	Continuing

**A. Mission Description and Budget Item Justification**

This funding supports the Defense Readiness Reporting System - Strategic, (DRRS-S,) the comprehensive readiness reporting system for the Department of Defense mandated under Title 10 U.S. Code. The system measures in an objective, accurate, and timely manner the capability of the armed forces to carry out the National Security Strategy prescribed by the President, as well as the defense planning guidance provided by the Secretary of Defense and the National Military Strategy prescribed by the Chairman of the Joint Chiefs of Staff. DRRS-S hosts information and applications used to support the Geographic and Functional Combatant Commanders, the Services, Combat Support Agencies, the Joint Staff and the Office of the Secretary of Defense.

DRRS-S is the evolution of readiness reporting to a more comprehensive system, better able to meet the Department's current and future readiness information challenges. Included in these challenges is the expansion in scope of the entities who can, and do report readiness, as well as what they report. Shifting from solely resource centric readiness reporting to a resource informed mission/capabilities based reporting system, oriented towards the National Military Strategy (NMS), makes substantially more complex demands on readiness reporting, but portrays a far more relevant and holistic picture of readiness. DRRS-S allows the Department to assess readiness globally based on the program's integrated ability to project and sustain a mix of constructed forces in simultaneous engagements. Additionally, the challenges associated with sourcing and evaluating the readiness of our forces engaged in on-going real operations mean that force managers need applications that will query the entire Department for suitable, available organizations to meet current needs. DRRS-S continues to incorporate more data, and develop more capable functionality to meet the needs of both the operational employers of the Force, but also those responsible for Force Generation.

FY2019 NDAA made revisions to Title 10 U.S. Code and provided the Department of Defense direction requiring growth in the DRRS-S program and identified the program's need to maintain the technical currency necessary to quickly meet future challenges associated with providing senior leaders with relevant and timely information. Such initiatives include implementing the complex data structures and visualization tools needed to operationalize the Global Force Management - Data Initiative, and reporting at lower organizational levels consistent with how Forces are actually employed.

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<b>B. Program Change Summary (\$ in Millions)</b>	<b><u>FY 2019</u></b>	<b><u>FY 2020</u></b>	<b><u>FY 2021 Base</u></b>	<b><u>FY 2021 OCO</u></b>	<b><u>FY 2021 Total</u></b>
Previous President's Budget	6.607	9.724	9.793	-	9.793
Current President's Budget	6.606	9.724	9.793	-	9.793
Total Adjustments	-0.001	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.001	-			
• SBIR/STTR Transfer	-	-			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2021 Office of the Secretary Of Defense										<b>Date:</b> February 2020		
<b>Appropriation/Budget Activity</b> 0400 / 6					<b>R-1 Program Element (Number/Name)</b> PE 0604774D8Z / Defense Readiness Reporting System (DRRS)				<b>Project (Number/Name)</b> 774 / Defense Readiness Reporting System (DRRS)			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021 Base</b>	<b>FY 2021 OCO</b>	<b>FY 2021 Total</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
774: Defense Readiness Reporting System (DRRS)	41.555	6.606	9.724	9.793	-	9.793	9.858	9.925	9.925	10.124	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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**B. Accomplishments/Planned Programs (\$ in Millions)**

	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
<b>Title:</b> 774 Defense Readiness Reporting System	6.606	9.724	9.793
<b>Description:</b> The Defense Readiness Reporting System (DRRS) establishes a capabilities-based, adaptive, near real-time readiness information system for DoD. DRRS measures the readiness of military forces and supporting infrastructure to meet missions and goals assigned by the Secretary of Defense. The realization of DRRS required integrating a host of key technologies to achieve an information system that supports distributed, collaborative, and dynamic readiness reporting in addition to continuous tool-based assessment. The primary technical goal was the creation of a highly reliable and securely integrated			

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
<p>readiness data environment to leverage and extend current readiness information systems. DRRS contains readiness metrics and supporting data for forces and support organizations.</p> <p><b><i>FY 2020 Plans:</i></b></p> <ul style="list-style-type: none"> <li>• Continue development within DRRS-S of the software components and functionality required to facilitate the retirement of the Services' DRRS instances</li> <li>• Continue replacement of vulnerable &amp; legacy software components</li> <li>• Optimize program architecture to make use of hosting technology advancements</li> <li>• Incorporate functionality enhancements required by evolving readiness reporting needs of the Department, to include new data sets, functionality, analytic and display tools</li> <li>• GFM DI "next steps" functionality development</li> </ul> <p><b><i>FY 2021 Plans:</i></b></p> <ul style="list-style-type: none"> <li>• Integration into DRRS-S of data sources and the creation of new functionality necessary to support readiness reporting reform efforts.</li> <li>• Optimize program architecture to make use of hosting technology advancements</li> <li>• Incorporate functionality enhancements required by evolving readiness reporting needs</li> <li>• GFM DI "next steps" development</li> <li>• Replacement of vulnerable &amp; legacy software components</li> </ul> <p><b><i>FY 2020 to FY 2021 Increase/Decrease Statement:</i></b> The minor increase in FY2021 is due to enduring requirements to keep DRRS technologically current and to meet the evolving needs of the Department for more data, improved aggregation and presentation; as well as the implementation of readiness reporting improvements identified through the Department's readiness reporting reform initiative and the Congressionally mandated report required under FY2019 NDAA Sec 358(d).</p>			
<b>Accomplishments/Planned Programs Subtotals</b>	6.606	9.724	9.793

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

N/A

**Remarks**

**D. Acquisition Strategy**

N/A