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

Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 3: Advanced Technology Development (ATD)</i>					PE 0603121D8Z I <i>SO/LIC Advanced Development</i>							
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	0.000	0.000	5.000	4.914	-	4.914	5.047	5.135	5.273	5.379	Continuing	Continuing
121: <i>SO/LIC Advanced Development</i>	0.000	0.000	5.000	4.914	-	4.914	5.047	5.135	5.273	5.379	Continuing	Continuing

A. Mission Description and Budget Item Justification

The SUNet enterprise system is an unclassified, secure information platform that allows the user to communicate, analyze, and share information between defense, interagency, and foreign partners. Rested on SUNet are mission specific enclaves used to detect, monitor, understand, and act in the information environment. The SUNet system addresses critical DoD and interagency requirements for an unclassified, secure information platform that jointly supports rapid innovation and RDT&E, combined operational missions, and mission partner information sharing. The SUNet provides defense and interagency partners with an accredited platform that enables secure unclassified information sharing, joint analysis, and advanced RDT&E in support of critical operational missions on a global scale. The platform currently supports more than a dozen sponsoring agencies with a range of missions, including but not limited to research and analysis of publicly available information, Phase 0 shaping, informing and influencing; building partner capacity; and enables rapid, iterative development and fielding of artificial intelligence and machine learning. The SUNet platform enables CTTSO to identify and develop capabilities to combat terrorism and irregular adversaries, and deliver these capabilities to DoD components and interagency partners with a provision of support to US military operations.

B. Program Change Summary (\$ in Millions)	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
Previous President's Budget	0.000	5.000	5.100	-	5.100
Current President's Budget	0.000	5.000	4.914	-	4.914
Total Adjustments	0.000	0.000	-0.186	-	-0.186
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Funding transferred to O&M Labor account PE:0907388D8Z	-	-	-0.179	-	-0.179
• Negative inflation adjustment	-	-	-0.007	-	-0.007

Change Summary Explanation

Funding for SO/LIC Advanced Development was transferred from Combatting Terrorism Technology Support, PE: 0603122D8Z. These funds support the SUNet Enterprise System.

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Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 3: Advanced Technology Development (ATD)</i>	R-1 Program Element (Number/Name) PE 0603121D8Z I <i>SO/LIC Advanced Development</i>
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C. Accomplishments/Planned Programs (\$ in Millions)	FY 2019	FY 2020	FY 2021
<p>Title: SUNet Enterprise System</p> <p>Description: The SUNet enterprise system is an unclassified, secure information platform that allows the user to communicate, analyze, and share information between defense, interagency, and foreign partners. Rested on SUNet are mission specific enclaves used to detect, monitor, understand, and act in the information environment. The SUNet system addresses critical DoD and interagency requirements for an unclassified, secure information platform that jointly supports rapid innovation and RDT&E, combined operational missions, and mission partner information sharing. The SUNet provides defense and interagency partners with an accredited platform that enables secure unclassified information sharing, joint analysis, and advanced RDT&E in support of critical operational missions on a global scale. The platform currently supports more than a dozen sponsoring agencies with a range of missions, including but not limited to research and analysis of publicly available information, Phase 0 shaping, informing and influencing; building partner capacity; and enables rapid, iterative development and fielding of artificial intelligence and machine learning. The SUNet platform enables CTTSO to identify and develop capabilities to combat terrorism and irregular adversaries, and deliver these capabilities to DoD components and interagency partners with a provision of support to US military operations.</p> <p>FY 2020 Plans: Initiate an effort to develop, integrate, test, deploy, manage and maintain a SUNet enterprise system with an emphasis on enhanced network engineering, information assurance, cybersecurity monitoring, enterprise governance and policy support, system redundancy and failover, and dedicated help desk to efficiently and effectively support a growing number of users and missions across the platform.</p> <p>FY 2021 Plans: Continue an effort to develop, integrate, test, deploy, manage and maintain a SUNet enterprise system with an emphasis on enhanced network engineering, information assurance, cybersecurity monitoring, enterprise governance and policy support, system redundancy and failover, and dedicated help desk to efficiently and effectively support a growing number of users and missions across the platform.</p> <p>FY 2020 to FY 2021 Increase/Decrease Statement: Minor decrease reflects inflation adjustment.</p>	-	5.000	4.914
Accomplishments/Planned Programs Subtotals	-	5.000	4.914

D. Other Program Funding Summary (\$ in Millions)
N/A

Remarks

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E. Acquisition Strategy
N/A