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Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Office of the Secretary Of Defense **Date:** March 2024

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 6: RDT&E Management Support</i>	R-1 Program Element (Number/Name) PE 0605502D8Z I <i>Small Business Innovation Research/Small Business Technology Transfer (SBIR/STTR)</i>
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COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	0.000	235.106	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
500: <i>STTR</i>	0.000	235.106	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

Note

New Start (Y/N): No

Funding is incorrect in NGRMS R-1. All funding was placed in Project 500, Small Bus Technology Transfer, however the correct break-out at project level is as follows:

- Project 500 - Small Bus Technology Transfer \$28.986
- Project 502 - Small Bus Innovation Research \$133.753
- Project 503 - SBIR CR Program \$60.000
- Project 504 - SBIR CRP Administration \$2.061
- Project 505 - SBIR ADMIN \$6.184
- Project 506 - SBIR DUE DILIGENCE \$4.122

A. Mission Description and Budget Item Justification

DoD Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs are designed to provide small, high-tech businesses opportunities to propose innovative ideas and solutions in response to technological challenges posed by the DoD Components that will address existing and emerging national security threats and to develop new military capabilities. The SBIR and STTR programs are critical pathways for the Department to tap the innovation of America's small business community and research institutions to support development of cutting-edge technologies that will increase the readiness, modernization and lethality of the Joint Force.

B. Program Change Summary (\$ in Millions)

	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025 Base</u>	<u>FY 2025 OCO</u>	<u>FY 2025 Total</u>
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	235.106	0.000	0.000	-	0.000
Total Adjustments	235.106	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	235.106	-			

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Change Summary Explanation

Funds are allocated from other Office of the Secretary of Defense (OSD) Research, Development, Test, and Evaluation (RDT&E) programs and select Defense Agencies to support the SBIR and STTR programs as defined in 15 U.S.C. 638 (f) and (n).

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Exhibit R-2A, RDT&E Project Justification: PB 2025 Office of the Secretary Of Defense										Date: March 2024		
Appropriation/Budget Activity 0400 / 6					R-1 Program Element (Number/Name) PE 0605502D8Z / <i>Small Business Innovation Research/Small Business Technology Transfer (SBIR/STTR)</i>				Project (Number/Name) 500 / STTR			
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
500: STTR	0.000	235.106	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

Due to an error in NGRMS, Funding in this project is incorrectly displayed. The correct funding is \$28.986 million

A. Mission Description and Budget Item Justification

The goals of the OSD Small Business Technology Transfer (STTR) program is to stimulate a partnership of ideas between small business concerns (SBCs) and research institutions through DoD funded research or research and development (R/R&D). By providing awards to SBCs or cooperative R/R&D efforts with research institutions, DoD supports innovation and economic growth to generate decisive and sustained U.S. military advantages. This program supports high priority projects within the DoD Components, their missions, and the Warfighter.

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

	FY 2023	FY 2024	FY 2025
Title: STTR	235.106	-	-
Description: The set-aside program that funds cooperative R/R&D projects for small businesses in partnership with research institutions. The STTR program contributed to the readiness and modernization of the Joint Force and improved operational capabilities through the innovative research topics initiated in FY 2023 in the following areas: OSD-NGA: - Multi-Scale Representation Learning, develop a single neural network that learns representations at multiple spatial and semantic scales and that may be applied to different geospatial tasks, such as land cover segmentation, object detection, key-point matching, and few-shot/fine-grained/long-tailed classification. TECHNOLOGY AREA(S): Artificial Intelligence/Machine Learning; Information Systems; Modeling and Simulation Technology - Environmental Security Risk Forecasting, develop computer models to forecast risk to U.S. critical infrastructure from a range of potential climate futures. During Phase I, research will be restricted to modeling past and forecasting future wildfire potential in a chosen area containing critical infrastructure. TECHNOLOGY AREA(S): Artificial Intelligence/Machine Learning; Statistical Forecasting; Information Systems; Modeling and Simulation Technology Emerging results from these STTR topics will be reported in FY 2024.			
Accomplishments/Planned Programs Subtotals	235.106	-	-

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

N/A

Remarks

D. Acquisition Strategy

N/A