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Exhibit R-2, RDT&E Budget Item Justification: PB 2020 Navy										Date: March 2019		
Appropriation/Budget Activity 1319: Research, Development, Test & Evaluation, Navy / BA 6: RDT&E Management Support					R-1 Program Element (Number/Name) PE 0605804N / Technical Information Services							
COST (\$ in Millions)	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
Total Program Element	0.000	1.280	1.029	0.988	-	0.988	0.930	0.944	0.963	0.983	Continuing	Continuing
0835: Tech Info System	0.000	0.766	1.029	0.988	-	0.988	0.930	0.944	0.963	0.983	Continuing	Continuing
2296: Federal Lab Consortium	0.000	0.514	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.514

A. Mission Description and Budget Item Justification

The Technical Information Services program provides support to achieve affordability in the development of Navy systems by reducing life-cycle costs through the facilitation of advanced technology associations between U.S. industry and the Navy. Warfighting effectiveness is enhanced through strategic relationships with industry to commercialize the science and technology developed by the Naval Research Enterprise and to gain strategic understanding of industry Research and Development Programs and plans; access concepts and technologies; and access to business practices within the civil sector.

B. Program Change Summary (\$ in Millions)	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Previous President's Budget	0.782	1.029	1.009	-	1.009
Current President's Budget	1.280	1.029	0.988	-	0.988
Total Adjustments	0.498	0.000	-0.021	-	-0.021
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	0.498	0.000			
• Rate/Misc Adjustments	0.000	0.000	-0.021	-	-0.021

Change Summary Explanation

Technical: Not applicable.

Schedule: Not applicable.

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Exhibit R-2A, RDT&E Project Justification: PB 2020 Navy										Date: March 2019		
Appropriation/Budget Activity 1319 / 6					R-1 Program Element (Number/Name) PE 0605804N / Technical Information Services				Project (Number/Name) 0835 / Tech Info System			
COST (\$ in Millions)	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
0835: Tech Info System	0.000	0.766	1.029	0.988	-	0.988	0.930	0.944	0.963	0.983	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification												
The goal for this project is to enhance warfighter effectiveness by: leveraging industry independent Research and Development science and technology base; developing strategic partnerships with industry to transition private sector technology; and transferring appropriate Navy-developed innovative concepts and inventions to the private sector for purposes of commercialization. (Public Law 96-480, Federal Technology Transfer Act of 1986.)												
This project also provides the Department of the Navy (DON) interface to the Office of the Assistant Secretary of Defense for Rapid Fielding, and to the Assistant Secretary of Commerce for Technology Policy for matters relating to policy and reporting requirements for technology transfer.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Title: TECHNICAL INFORMATION SERVICES								0.766	1.029	0.988	0.000	0.988
								Articles: -	-	-	-	-
Description: Technical Information Services supports the spin-in and spin-out of research and development performed by Navy laboratories and industry. This program develops the tools and provides management oversight of the Department of Navy (DON) Domestic Technology Transfer (T2) Program. The Navy plans on initiating two new pilot programs per year with the objective of increasing the visibility and transfer of the Navy developed technologies.												
FY 2019 Plans: Conduct the following efforts in FY 2019: Revise and update Technology Transfer mechanisms (e.g., Cooperative Research and Development Agreements (CRADAs), PIAs templates, Navy Defense Technology Transfer Information System (NDTTIS) database, online training) and continue updates to the T2 Handbook and T2 Policy Guidance. Execute two new pilot programs to support Technology Transfer (T2) efforts at Navy Office of Research and Technology Application (ORTA) activities across Navy laboratories. T2 innovation efforts are selected during 1st quarter of the year of appropriation and executed during the same. These efforts lead to innovations to T2 process within the sponsored Navy laboratory and are shared across the Department of the Navy (DoN) and Defense Wide.												
FY 2020 Base Plans:												

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)				FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
<p>To enhance transactional efficiency between the Navy laboratories and industry and academic collaborators, the Navy Technology Transfer (T2) Office will revise and update Technology Transfer mechanisms (e.g., Cooperative Research and Development Agreements (CRADAs), PIAs templates, Navy Defense Technology Transfer Information System (NDTTIS) database, online training), Technology Transfer Handbook, Licensing Handbook and Policy Guidance. It will also execute at least two new pilot programs to embolden innovative T2 efforts at Navy Office of Research and Technology Application (ORTA) activities across laboratories and commercialize Navy laboratory-developed technologies. Additionally, the T2 Program Office will raise the visibility of Navy technologies through publications, videos, website/social media, marketing and outreach to capitalize on the Navy laboratory developed innovations and systematically drive economic growth in the industrial base, create new services and products and amplify an inclusive technology based economic development.</p> <p>In order to deliver solutions and capabilities to the acquisition workforce in support of the warfighter, the Navy T2 Program Office will enhance the NDTTIS database to leverage the value/impact of CRADAs. The Navy-wide T2 Innovation Discovery/Intellectual Property Mining Program will be expanded to identify, license and transition more patentable inventions that provide solutions to acquisition and commercial industry technological challenges that can benefit the warfighter and society. The Program Office will also lead and participate in national and regional technology transfer industry and academia engagement events to optimize the marketing and outreach of Navy developed inventions and expand on collaboration opportunities with industry and engage with underserved communities and non-traditional partners to advance commercialization.</p> <p>The Navy T2 Program Office will institute a customer relationship and transaction management system that harmonizes and streamlines the T2 mechanism collaboration process, consolidates the Navy's intellection capital into a single structure through a centrally managed portfolio that will include a marketing analysis component, provide for external and internal stakeholder engagement, licensing and ecosystem landscape analysis to discover and forge opportunities for mutually beneficial T2 commercialization collaborations with academia, economic development agencies and start-up businesses.</p> <p>FY 2020 OCO Plans: N/A</p> <p>FY 2019 to FY 2020 Increase/Decrease Statement:</p>								

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<u>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</u>	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
There is no significant change from FY 2019 to FY 2020.					
Accomplishments/Planned Programs Subtotals	0.766	1.029	0.988	0.000	0.988

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

Remarks

D. Acquisition Strategy
N/A

E. Performance Metrics
 Demonstrate support for technological transitions from the Naval Research Enterprise into industrial and commercial enterprises supporting Navy programs of record and warfighter needs, by being responsive to Offices of Research and Technology Applications focal points for technology transfer in their development of Cooperative Research and Development Agreements (CRADA), and reducing transaction/information exchange timeframes to enable invention commercialization and utilization of government funded facilities, equipment and innovations.

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Appropriation/Budget Activity 1319 / 6					R-1 Program Element (Number/Name) PE 0605804N / <i>Technical Information Services</i>				Project (Number/Name) 2296 / <i>Federal Lab Consortium</i>			
COST (\$ in Millions)	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
2296: <i>Federal Lab Consortium</i>	0.000	0.514	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.514
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification <p>The Federal Laboratory Consortium for Technology Transfer (FLC) was established by Congress under the Federal Technology Transfer Act of 1986 (P.L. 99-502, 20 October 1986, as amended). The FLC, in cooperation with federal laboratories and the private sector, provides services to enhance the transfer of federally-developed technology to include activities such as: developing and administering technology transfer training courses and materials; assisting Federal agencies and laboratories in their technology transfer programs; and providing a clearinghouse for technology transfer requests.</p>												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)							FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	
Title: FEDERAL LAB CONSORTIUM							0.514	0.000	0.000	0.000	0.000	
Articles:							-	-	-	-	-	
Description: The Federal Laboratory Consortium for Technology Transfer (FLC) was established by Congress under the Federal Technology Transfer Act of 1986 (P.L. 99-502, 20 October 1986, as amended). The FLC, in cooperation with federal laboratories and the private sector, provides services to enhance the transfer of federally-developed technology to include activities such as: developing and administering technology transfer training courses and materials; assisting Federal agencies and laboratories in their technology transfer programs; and providing a clearinghouse for technology transfer												
FY 2019 Plans: N/A												
FY 2020 Base Plans: N/A												
FY 2020 OCO Plans: N/A												
Accomplishments/Planned Programs Subtotals							0.514	0.000	0.000	0.000	0.000	
C. Other Program Funding Summary (\$ in Millions) N/A												

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C. Other Program Funding Summary (\$ in Millions)		
<u>Remarks</u>		
D. Acquisition Strategy N/A		
E. Performance Metrics In accordance with the Federal Technology Transfer Act of 1986 (P.L. 99-502, 20 October 1986, as amended), disseminated funding judiciously.		