Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Navy

Appropriation/Budget Activity

1319: Research, Development, Test & Evaluation, Navy I BA 6: RDT&E

Management Support

R-1 Program Element (Number/Name)
PE 0605502N / Small Business Innovative Research

Date: May 2017

lanagement Support												
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
Total Program Element	0.000	384.569	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	384.569
1812: NAVAIR SBIR Program	0.000	112.595	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	112.595
1813: SPAWAR SBIR Program	0.000	9.415	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	9.415
1814: NAVSEA SBIR Program	0.000	76.031	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	76.031
1824: USMC SBIR Program	0.000	12.262	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	12.262
1862: SSPO SBIR Program	0.000	4.982	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	4.982
1863: NAVSUP SBIR Program	0.000	1.800	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	1.800
1864: ONR SBIR Program	0.000	77.477	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	77.477
1865: SBIR ADMIN - ONR	0.000	4.641	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	4.641
2016: NAVFAC SBIR Program	0.000	2.000	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	2.000
2204: Small Business Tech Transfer Program	0.000	30.307	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	30.307
2240: SBIR ADMIN - USMC	0.000	0.637	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.637
2241: SBIR ADMIN - SPAWAR	0.000	0.505	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.505
2242: SBIR ADMIN - NAVSEA	0.000	5.154	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	5.154
2243: SBIR ADMIN - NAVAIR	0.000	5.462	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	5.462
2244: SBIR ADMIN - NAVFAC	0.000	0.050	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.050
2245: SBIR ADMIN - NAVSUP	0.000	0.060	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.060
2248: SBIR ADMIN - SSPO	0.000	0.259	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.259
2813: NSMA SBIR Program	0.000	10.000	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	10.000
2814: SBIR ADMIN - NSMA	0.000	0.560	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.560
3201: SBIR CRP - NAVAIR	0.000	1.173	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	1.173
3202: SBIR CRP - SPAWAR	0.000	0.098	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.098
3203: SBIR CRP - NAVSEA	0.000	0.789	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.789
3204: SBIR CRP - USMC	0.000	0.128	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.128
3205: SBIR CRP - ONR	0.000	1.005	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	1.005

PE 0605502N: Small Business Innovative Research Navy

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Exhibit R-2, RDT&E Budget Item						Date: May 2	2017					
Appropriation/Budget Activity 1319: Research, Development, Test & Evaluation, Navy I BA 6: RDT&E Management Support					R-1 Program Element (Number/Name) PE 0605502N / Small Business Innovative Research							
3213: NAVAIR STTR Program	0.000	17.598	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	17.598
3344: SBIR Trial Admin Program	0.000	9.581	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	9.581

A. Mission Description and Budget Item Justification

The Small Business Research and Development Reauthorization Act of 2011 as amended (15 U.S.C. 638) requires each Federal agency that has an extramural budget for Research and Development (R&D) in excess of \$100,000,000 must participate and shall expend with small business concerns (SBC) not less than 2.6% in FY 2012 for specific small business research initiatives awarded

through a Small Business Innovation Research (SBIR) solicitation. For FY 2013 through FY 2016 this increases annually by 0.1% and in FY 2017 increases by 0.2%. The Small Business Technology Transfer (STTR) program requires each Federal agency that has an extramural budget for R&D in excess of \$1,000,000,000 to set aside 0.35% for STTR in FY 2012, and increases 0.05% every two years beginning in FY 2012 through FY 2016.

B. Program Change Summary (\$ in Millions)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	384.569	0.000	0.000	-	0.000
Total Adjustments	384.569	0.000	0.000	-	0.000
 Congressional General Reductions 	-	-			
 Congressional Directed Reductions 	-	-			
 Congressional Rescissions 	-	-			
 Congressional Adds 	-	-			
 Congressional Directed Transfers 	-	-			
 Reprogrammings 	-0.034	0.000			
 SBIR/STTR Transfer 	384.601	0.000			
Rate/Misc Adjustments	0.002	0.000	0.000	-	0.000

Change Summary Explanation

PE 0605502N: Small Business Innovative Research

Technical: Not applicable. Schedule: Not applicable.

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Exhibit R-2A, RDT&E Project Ju	stification	: FY 2018 N	lavy							Date: May	2017	
Appropriation/Budget Activity 1319 / 6	Activity R-1 Program Element (Number/Name) PE 0605502N / Small Business Innovative Research Project (Number/Name) 1812 / NAVAIR SBIR Program					,						
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
1812: NAVAIR SBIR Program	0.000	112.595	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	112.595
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

PE 0605502N: Small Business Innovative Research

The Small Business Innovation Research (SBIR) program requires each Federal agency that has an extramural budget for Research and Development (R&D) in excess of \$100,000,000 to set aside 3% for SBIR in FY 2016. This funds R&D at small businesses. The program goals are to stimulate technological innovation; increase small business participation in federally funded R&D; foster participation by minority and disadvantaged firms in technological innovation; and increase private sector commercialization of federal R&D.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	OCO	Total
Title: NAVAIR SBIR PROGRAM	112.595	0.000	0.000	0.000	0.000
Articles:	_	-	-	-	-
FY 2016 Accomplishments:					
Phase 1 and Phase II's awarded based on Broad Agency Announcements (BAAs) issued three times a year for SBIR describing R&D needs and inviting proposals from small companies.					
Phase I Feasibility:					
Phase I awards determined the scientific and technical merit and feasibility of the proposed effort and quality of performance by the small business concerns (SBC).					
Phase II Technology Development: Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the Navy's needs. These awards further developed the technology, maturing the Technology Readiness Level (TRL) and providing prototypes or other sources validating the technology.					
Phase III Commercialization:					
In Phase III the ultimate goal of the SBIR program is to grow small businesses and meet war-fighter requirements. Phase III contracts are awarded to those efforts that were ready to be commercialized or					
integrated into a Program of Record (POR). The DOD started tracking DOD Phase III contract awards in 2000 in order to track the success of the SBIR program. The Navy generally awards more Phase III contracts than the					
rest of the DOD combined. Although no government SBIR funds are involved, phase III funding can come from					

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Navy

Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy				Date: May	2017	
Appropriation/Budget Activity 1319 / 6	R-1 Program Element (Number PE 0605502N / Small Business II Research	•		umber/Nan VAIR SBIR I		
B. Accomplishments/Planned Programs (\$ in Millions, Article Qu	uantities in Each)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
the government and/or private sector. The target is to transition a conservices that benefit the Navy acquisition community and our Naval	• •					
FY 2017 Plans: N/A						
FY 2018 Base Plans: N/A						
FY 2018 OCO Plans:						

Accomplishments/Planned Programs Subtotals

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

N/A

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

None.

PE 0605502N: Small Business Innovative Research Navy

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Exhibit R-2A, RDT&E Project Ju	stification:	FY 2018 N	lavy							Date: May	2017		
Appropriation/Budget Activity 1319 / 6					_		t (Number/ Business In	,		Project (Number/Name) 813 / SPAWAR SBIR Program			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost	
1813: SPAWAR SBIR Program	0.000	9.415	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	9.415	
Quantity of RDT&E Articles		-	-	-	_	-	-	-	-	-			

A. Mission Description and Budget Item Justification

PE 0605502N: Small Business Innovative Research

Accomplishments/Planned Programs (\$ in Millians, Article Quantities in Each)

The Small Business Innovation Research (SBIR) program requires each Federal agency that has an extramural budget for Research and Development (R&D) in excess of \$100,000,000 to set aside 3% for SBIR in FY 2016. This funds R&D at small businesses. The program goals are to stimulate technological innovation; increase small business participation in federally funded R&D; foster participation by minority and disadvantaged firms in technological innovation; and increase private sector commercialization of federal R&D.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	oco	Total
Title: SPAWAR SBIR Program	9.415	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2016 Accomplishments:					
Phase 1 and Phase II's awarded based on Broad Agency Announcements (BAAs) issued three times a year for SBIR describing R&D needs and inviting proposals from small companies.					
Phase I Feasibility:					
Phase I awards determined the scientific and technical merit and feasibility of the proposed effort and quality of performance by the small business concerns (SBC).					
Phase II Technology Development:					
Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the					
Navy's needs. These awards further developed the technology, maturing the Technology Readiness Level (TRL) and providing prototypes or other sources validating the technology.					
Phase III Commercialization:					
In Phase III the ultimate goal of the SBIR program is to grow small businesses and meet war-fighter					
requirements. Phase III contracts are awarded to those efforts that were ready to be commercialized or					
integrated into a Program of Record (POR). The DOD started tracking DOD Phase III contract awards in 2000 in					
order to track the success of the SBIR program. The Navy generally awards more Phase III contracts than the					
rest of the DOD combined. Although no government SBIR funds are involved, phase III funding can come from					į l

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy				Date: May	2017	
Appropriation/Budget Activity 1319 / 6	R-1 Program Element (Number PE 0605502N / Small Business I Research	•		umber/Nan AWAR SBIR		
B. Accomplishments/Planned Programs (\$ in Millions, Artic	le Quantities in Each)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
the government and/or private sector. The target is to transition services that benefit the Navy acquisition community and our Na						
FY 2017 Plans: N/A						
FY 2018 Base Plans: N/A						

Accomplishments/Planned Programs Subtotals

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

N/A

N/A

Remarks

D. Acquisition Strategy

FY 2018 OCO Plans:

N/A

E. Performance Metrics

None.

PE 0605502N: Small Business Innovative Research Navy

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Exhibit R-2A, RDT&E Project Ju	stification:	FY 2018 N	lavy							Date: May	2017	
Appropriation/Budget Activity 1319 / 6					_		t (Number/ Business Ir	•	Project (N 1814 / NA\			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
1814: NAVSEA SBIR Program	0.000	76.031	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	76.031
Quantity of RDT&E Articles		-	_	-	_	_	-	_	-	-		

A. Mission Description and Budget Item Justification

Accomplishments/Planned Programs (\$ in Millians, Article Quantities in Each)

The Small Business Innovation Research (SBIR) program requires each Federal agency that has an extramural budget for Research and Development (R&D) in excess of \$100,000,000 to set aside 3% for SBIR in FY 2016. This funds R&D at small businesses. The program goals are to stimulate technological innovation; increase small business participation in federally funded R&D; foster participation by minority and disadvantaged firms in technological innovation; and increase private sector commercialization of federal R&D.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	OCO	Total
Title: NAVSEA SBIR PROGRAM	76.031	0.000	0.000	0.000	0.000
Articles:	_	-	-	-	-
FY 2016 Accomplishments:					
Phase 1 and Phase II's awarded based on Broad Agency Announcements (BAAs) issued three times a year for SBIR describing R&D needs and inviting proposals from small companies.					
Phase I Feasibility:					
Phase I awards determined the scientific and technical merit and feasibility of the proposed effort and quality of performance by the small business concerns (SBC).					
Phase II Technology Development:					
Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the					
Navy's needs. These awards further developed the technology, maturing the Technology Readiness Level (TRL) and providing prototypes or other sources validating the technology.					
Phase III Commercialization:					
In Phase III the ultimate goal of the SBIR program is to grow small businesses and meet war-fighter					
requirements. Phase III contracts are awarded to those efforts that were ready to be commercialized or					
integrated into a Program of Record (POR). The DOD started tracking DOD Phase III contract awards in 2000 in					
order to track the success of the SBIR program. The Navy generally awards more Phase III contracts than the rest of the DOD combined. Although no government SBIR funds are involved, phase III funding can come from					
rest of the DOD combined. Although no government SDIN funds are involved, phase in funding can come from					

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PE 0605502N: Small Business Innovative Research

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy				Date: May	2017	
Appropriation/Budget Activity 1319 / 6	R-1 Program Element (Number PE 0605502N / Small Business In Research	•	•	lumber/Nar VSEA SBIR		
B. Accomplishments/Planned Programs (\$ in Millions, Article C	Quantities in Each)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
the government and/or private sector. The target is to transition a c services that benefit the Navy acquisition community and our Naval						
FY 2017 Plans: N/A						
FY 2018 Base Plans:						

Accomplishments/Planned Programs Subtotals

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

N/A

N/A

Remarks

D. Acquisition Strategy

FY 2018 OCO Plans:

N/A

E. Performance Metrics

None

PE 0605502N: Small Business Innovative Research Navy

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Exhibit R-2A, RDT&E Project Ju	ustification:	FY 2018 N	lavy							Date: May	2017	
Appropriation/Budget Activity 1319 / 6					R-1 Program Element (Number/Name) PE 0605502N / Small Business Innovative Research Project (Number/Name) 1824 / USMC SBIR F						,	
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
1824: USMC SBIR Program	0.000	12.262	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	12.262
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

PE 0605502N: Small Business Innovative Research

Accomplishments/Planned Programs (\$ in Millians, Article Quantities in Each)

The Small Business Innovation Research (SBIR) program requires each Federal agency that has an extramural budget for Research and Development (R&D) in excess of \$100,000,000 to set aside 3% for SBIR in FY 2016. This funds R&D at small businesses. The program goals are to stimulate technological innovation; increase small business participation in federally funded R&D; foster participation by minority and disadvantaged firms in technological innovation; and increase private sector commercialization of federal R&D.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	ОСО	Total
Title: USMC SBIR Program	12.262	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2016 Accomplishments:					
Phase 1 and Phase II's awarded based on Broad Agency Announcements (BAAs) issued three times a year for SBIR describing R&D needs and inviting proposals from small companies.					
Phase I Feasibility:					
Phase I awards determined the scientific and technical merit and feasibility of the proposed effort and quality of performance by the small business concerns (SBC).					
Phase II Technology Development:					
Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the					
Navy's needs. These awards further developed the technology, maturing the Technology Readiness Level (TRL) and providing prototypes or other sources validating the technology.					
Phase III Commercialization:					
In Phase III the ultimate goal of the SBIR program is to grow small businesses and meet war-fighter					
requirements. Phase III contracts are awarded to those efforts that were ready to be commercialized or					
integrated into a Program of Record (POR). The DOD started tracking DOD Phase III contract awards in 2000 in					
order to track the success of the SBIR program. The Navy generally awards more Phase III contracts than the					
rest of the DOD combined. Although no government SBIR funds are involved, phase III funding can come from					

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Appropriation/Budget Activity 1319 / 6	R-1 Program Element (Number PE 0605502N / Small Business In Research	,	, ,	lumber/Nar MC SBIR Pi	,	
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantum Complishments)	uantities in Each)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
the government and/or private sector. The target is to transition a conservices that benefit the Navy acquisition community and our Naval	• •					
FY 2017 Plans: N/A						
FY 2018 Base Plans:						

Accomplishments/Planned Programs Subtotals

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

Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy

N/A

N/A

N/A

Remarks

D. Acquisition Strategy

FY 2018 OCO Plans:

N/A

E. Performance Metrics

None

PE 0605502N: Small Business Innovative Research Navy

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Date: May 2017

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Exhibit R-2A, RDT&E Project Ju	stification:	: FY 2018 N	lavy							Date: May	2017		
Appropriation/Budget Activity 1319 / 6	PE 06				_	PE 0605502N / Small Business Innovative				Project (Number/Name) 1862 I SSPO SBIR Program			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost	
1862: SSPO SBIR Program	0.000	4.982	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	4.982	
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-			

A. Mission Description and Budget Item Justification

Accomplishments/Planned Programs (\$ in Millians, Article Quantities in Each)

The Small Business Innovation Research (SBIR) program requires each Federal agency that has an extramural budget for Research and Development (R&D) in excess of \$100,000,000 to set aside 3% for SBIR in FY 2016. This funds R&D at small businesses. The program goals are to stimulate technological innovation; increase small business participation in federally funded R&D; foster participation by minority and disadvantaged firms in technological innovation; and increase private sector commercialization of federal R&D.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	oco	Total
Title: SSPO SBIR Program	4.982	0.000	0.000	0.000	0.000
Articles:	-	_	-	-	-
FY 2016 Accomplishments:					
Phase 1 and Phase II's awarded based on Broad Agency Announcements (BAAs) issued three times a year for SBIR describing R&D needs and inviting proposals from small companies.					
Phase I Feasibility:					
Phase I awards determined the scientific and technical merit and feasibility of the proposed effort and quality of performance by the small business concerns (SBC).					
Phase II Technology Development: Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the					
Navy's needs. These awards further developed the technology, maturing the Technology Readiness Level (TRL) and providing prototypes or other sources validating the technology.					
Phase III Commercialization:					
In Phase III the ultimate goal of the SBIR program is to grow small businesses and meet war-fighter					
requirements. Phase III contracts are awarded to those efforts that were ready to be commercialized or					
integrated into a Program of Record (POR). The DOD started tracking DOD Phase III contract awards in 2000 in					
order to track the success of the SBIR program. The Navy generally awards more Phase III contracts than the					
rest of the DOD combined. Although no government SBIR funds are involved, phase III funding can come from					

UNCLASSIFIED

Navy

PE 0605502N: Small Business Innovative Research

EV 2040 EV 2040 EV 2040

Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy				Date: May	2017	
Appropriation/Budget Activity 1319 / 6	R-1 Program Element (Number PE 0605502N / Small Business In Research	•		umber/Nan PO SBIR Pr		
B. Accomplishments/Planned Programs (\$ in Millions, Article Qu	uantities in Each)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
the government and/or private sector. The target is to transition a conservices that benefit the Navy acquisition community and our Naval v						
FY 2017 Plans: N/A						
FY 2018 Base Plans: N/A						

Accomplishments/Planned Programs Subtotals

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

N/A

N/A

Remarks

D. Acquisition Strategy

FY 2018 OCO Plans:

N/A

E. Performance Metrics

None

PE 0605502N: Small Business Innovative Research Navy

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Exhibit R-2A, RDT&E Project Ju	stification:	FY 2018 N	lavy							Date: May	2017	
Appropriation/Budget Activity 1319 / 6					R-1 Program Element (Number/Name) PE 0605502N / Small Business Innovative Research Project (Number/Name) 1863 / NAVSUP SBIR						•	
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
1863: NAVSUP SBIR Program	0.000	1.800	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	1.800
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Small Business Innovation Research (SBIR) program requires each Federal agency that has an extramural budget for Research and Development (R&D) in excess of \$100,000,000 to set aside 3% for SBIR in FY 2016. This funds R&D at small businesses. The program goals are to stimulate technological innovation; increase small business participation in federally funded R&D; foster participation by minority and disadvantaged firms in technological innovation; and increase private sector commercialization of federal R&D.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Title: NAVSUP SBIR Program	1.800	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2016 Accomplishments:					
Phase 1 and Phase II's awarded based on Broad Agency Announcements (BAAs) issued three times a year for SBIR describing R&D needs and inviting proposals from small companies.					
Phase I Feasibility:					
Phase I awards determined the scientific and technical merit and feasibility of the proposed effort and quality of performance by the small business concerns (SBC).					
Phase II Technology Development: Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the Navy's needs. These awards further developed the technology, maturing the Technology Readiness Level (TRL) and providing prototypes or other sources validating the technology.					
Phase III Commercialization: In Phase III the ultimate goal of the SBIR program is to grow small businesses and meet war-fighter requirements. Phase III contracts are awarded to those efforts that were ready to be commercialized or integrated into a Program of Record (POR). The DOD started tracking DOD Phase III contract awards in 2000 in order to track the success of the SBIR program. The Navy generally awards more Phase III contracts than the rest of the DOD combined. Although no government SBIR funds are involved, phase III funding can come from					

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PE 0605502N: Small Business Innovative Research Navy

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy				Date: May	2017	
Appropriation/Budget Activity 1319 / 6	R-1 Program Element (Number PE 0605502N / Small Business In Research	•		umber/Nan VSUP SBIR		
B. Accomplishments/Planned Programs (\$ in Millions, Article C	Quantities in Each <u>)</u>	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
the government and/or private sector. The target is to transition a c services that benefit the Navy acquisition community and our Naval						
FY 2017 Plans: N/A						
FY 2018 Base Plans:						

Accomplishments/Planned Programs Subtotals

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

N/A

N/A

Remarks

D. Acquisition Strategy

FY 2018 OCO Plans:

N/A

E. Performance Metrics

None

PE 0605502N: Small Business Innovative Research Navy

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Exhibit R-2A, RDT&E Project Ju	ustification:	FY 2018 N	lavy							Date: May	2017		
Appropriation/Budget Activity 1319 / 6					• • • • • • • • • • • • • • • • • • • •						umber/Name) R SBIR Program		
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost	
1864: ONR SBIR Program	0.000	77.477	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	77.477	
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-			

A. Mission Description and Budget Item Justification

PE 0605502N: Small Business Innovative Research

The Small Business Innovation Research (SBIR) program requires each Federal agency that has an extramural budget for Research and Development (R&D) in excess of \$100,000,000 to set aside 3% for SBIR in FY 2016. This funds R&D at small businesses. The program goals are to stimulate technological innovation; increase small business participation in federally funded R&D; foster participation by minority and disadvantaged firms in technological innovation; and increase private sector commercialization of federal R&D.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Title: ONR SBIR Program	77.477	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2016 Accomplishments:					
Phase 1 and Phase II's awarded based on Broad Agency Announcements (BAAs) issued three times a year for SBIR describing R&D needs and inviting proposals from small companies.					
Phase I Feasibility:					
Phase I awards determined the scientific and technical merit and feasibility of the proposed effort and quality of performance by the small business concerns (SBC).					
Phase II Technology Development: Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the Navy's needs. These awards further developed the technology, maturing the Technology Readiness Level (TRL) and providing prototypes or other sources validating the technology.					
Phase III Commercialization: In Phase III the ultimate goal of the SBIR program is to grow small businesses and meet war-fighter requirements. Phase III contracts are awarded to those efforts that were ready to be commercialized or integrated into a Program of Record (POR). The DOD started tracking DOD Phase III contract awards in 2000 in order to track the success of the SBIR program. The Navy generally awards more Phase III contracts than the rest of the DOD combined. Although no government SBIR funds are involved, phase III funding can come from					

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy				Date: May	2017	
Appropriation/Budget Activity 1319 / 6	R-1 Program Element (Number PE 0605502N / Small Business II Research	•		umber/Nan R SBIR Pro		
B. Accomplishments/Planned Programs (\$ in Millions, Article	,	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
the government and/or private sector. The target is to transition services that benefit the Navy acquisition community and our Na						
FY 2017 Plans: N/A						
FY 2018 Base Plans: N/A						

Accomplishments/Planned Programs Subtotals

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

N/A

N/A

Remarks

D. Acquisition Strategy

FY 2018 OCO Plans:

N/A

E. Performance Metrics

None

PE 0605502N: Small Business Innovative Research Navy

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Exhibit R-2A, RDT&E Project Ju	xhibit R-2A, RDT&E Project Justification: FY 2018 Navy											
Appropriation/Budget Activity 1319 / 6					_	am Elemen 2N / Small	•	•	Project (Number/Name) 1865 I SBIR ADMIN - ONR			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
1865: SBIR ADMIN - ONR	0.000	4.641	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	4.641
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Small Business Innovative Research (SBIR) Administration. Manage the program, technical efforts and award contracts related to SBIR.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	oco	Total
Title: SBIR Administration	4.641	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2016 Accomplishments:					
Small Business Innovative Research (SBIR) Administration. Manage the program, technical efforts and award contracts					
related to SBIR.					
FY 2017 Plans:					
N/A					
FY 2018 Base Plans:					
N/A					
FY 2018 OCO Plans:					
N/A					
Accomplishments/Planned Programs Subtotals	4.641	0.000	0.000	0.000	0.000

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

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

None

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Exhibit R-2A, RDT&E Project Ju	ustification:	FY 2018 N	lavy							Date: May	2017			
Appropriation/Budget Activity 1319 / 6						, ,					roject (Number/Name) 016 / NAVFAC SBIR Program			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost		
2016: NAVFAC SBIR Program	0.000	2.000	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	2.000		
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-				

A. Mission Description and Budget Item Justification

The Small Business Innovation Research (SBIR) program requires each Federal agency that has an extramural budget for Research and Development (R&D) in excess of \$100,000,000 to set aside 3% for SBIR in FY 2016. This funds R&D at small businesses. The program goals are to stimulate technological innovation; increase small business participation in federally funded R&D; foster participation by minority and disadvantaged firms in technological innovation; and increase private sector commercialization of federal R&D.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Title: NAVFAC SBIR Program	2.000	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2016 Accomplishments:					
Phase 1 and Phase II's awarded based on Broad Agency Announcements (BAAs) issued three times a year for SBIR describing R&D needs and inviting proposals from small companies.					
Phase I Feasibility:					
Phase I awards determined the scientific and technical merit and feasibility of the proposed effort and quality of performance by the small business concerns (SBC).					
Phase II Technology Development: Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the Navy's needs. These awards further developed the technology, maturing the Technology Readiness Level (TRL) and providing prototypes or other sources validating the technology.					
Phase III Commercialization: In Phase III the ultimate goal of the SBIR program is to grow small businesses and meet war-fighter requirements. Phase III contracts are awarded to those efforts that were ready to be commercialized or integrated into a Program of Record (POR). The DOD started tracking DOD Phase III contract awards in 2000 in order to track the success of the SBIR program. The Navy generally awards more Phase III contracts than the rest of the DOD combined. Although no government SBIR funds are involved, phase III funding can come from					

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PE 0605502N: Small Business Innovative Research

Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy				Date: May	2017	
Appropriation/Budget Activity 1319 / 6	,	R-1 Program Element (Number/Name) PE 0605502N / Small Business Innovative Research Proje 2016				
B. Accomplishments/Planned Programs (\$ in Millions, Article Q	<u>tuantities in Each)</u>	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
the government and/or private sector. The target is to transition a c services that benefit the Navy acquisition community and our Naval						
FY 2017 Plans:						

Accomplishments/Planned Programs Subtotals

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

N/A

N/A

N/A

N/A

Remarks

D. Acquisition Strategy

FY 2018 Base Plans:

FY 2018 OCO Plans:

N/A

E. Performance Metrics

None

PE 0605502N: Small Business Innovative Research Navy

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy											Date: May 2017			
Appropriation/Budget Activity 1319 / 6						, , ,					lumber/Name) all Business Tech Transfer			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost		
2204: Small Business Tech Transfer Program	0.000	30.307	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	30.307		
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-				

A. Mission Description and Budget Item Justification

PE 0605502N: Small Business Innovative Research

amplichments/Planned Programs (\$ in Millians, Article Quantities in Each)

The Small Business Technology Transfer (STTR) program requires each Federal agency that has an extramural budget for Research and Development (R&D) in excess of \$1,000,000,000 to set aside 0.45% for STTR in FY 2016. This funds cooperative R&D between small businesses and research institutions. The program goals are to create vehicles from moving ideas from research institutions to market; enable researchers to pursue commercial application of technologies; and bridge funding gap between basic research and commercial product.

EV 2049 EV 2049 EV 2049

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	oco	Total
Title: Small Business Tech Transfer Program	30.307	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2016 Accomplishments:					
Phase I Feasibility:					
Phase I awards determined the scientific and technical merit and feasibility of the proposed effort and quality of performance by the small business concerns.					
Phase II Technology Development:					
Phase II awards are based on the small business concerns Phase I results and potential of the Phase II proposal					
to address the Navy's needs. These awards further developed the technology, maturing the Technology					
Readiness Level and providing prototypes or other sources validating the technology.					
Phase III Commercialization:					
Phase III - Since the DOD started tracking DOD Phase III contract awards in 2000, the Navy continues annually					
to award					
more in Phase III contracts then the rest of the DOD combined and continues to be called out in studies and					
Congressional language as the premier DOD STTR program. Although no government STTR funds are					
involved, phase III funding can come from the government and/or private sector. The target is to transition a					
company's STTR effort into products, tools or services that benefit the Navy acquisition community.					
FY 2017 Plans:					

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy			Date: May 2017
Appropriation/Budget Activity 1319 / 6	R-1 Program Element (Number/Name) PE 0605502N / Small Business Innovative Research	, ,	umber/Name) all Business Tech Transfer

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
N/A						
FY 2018 Base Plans: N/A						
FY 2018 OCO Plans: N/A						
Accomplishments/Plann	ed Programs Subtotals	30.307	0.000	0.000	0.000	0.000

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

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

None

PE 0605502N: Small Business Innovative Research Navy

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy											2017	
Appropriation/Budget Activity 1319 / 6					R-1 Progra PE 060550 Research		•	•	Project (Number/Name) 2240 / SBIR ADMIN - USMC			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
2240: SBIR ADMIN - USMC	0.000	0.637	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.637
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Small Business Innovative Research (SBIR) Administration. Manage the program, technical efforts and award contracts related to SBIR.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	осо	Total
Title: USMC SBIR Administration	0.637	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2016 Accomplishments:					
Small Business Innovative Research (SBIR) Administration. Manage the program, technical efforts and award contracts related to SBIR.					
FY 2017 Plans: N/A					
FY 2018 Base Plans: N/A					
FY 2018 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	0.637	0.000	0.000	0.000	0.000

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

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

None

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Exhibit R-2A, RDT&E Project Ju	Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy											
Appropriation/Budget Activity 1319 / 6						am Elemen)2N / Small	•	,	Project (Number/Name) 2241 / SBIR ADMIN - SPAWAR			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
2241: SBIR ADMIN - SPAWAR	0.000	0.505	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.505
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Small Business Innovative Research (SBIR) Administration. Manage the program, technical efforts and award contracts related to SBIR.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	oco	Total
Title: SPAWAR SBIR Administration	0.505	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2016 Accomplishments:					
Small Business Innovative Research (SBIR) Administration. Manage the program, technical efforts and award contracts related to SBIR.					
FY 2017 Plans: N/A					
FY 2018 Base Plans: N/A					
FY 2018 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	0.505	0.000	0.000	0.000	0.000

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

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

None

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Exhibit R-2A, RDT&E Project Ju	stification:	: FY 2018 N	lavy							Date: May	2017	
Appropriation/Budget Activity 1319 / 6		R-1 Program Element (Number/Name) PE 0605502N I Small Business Innovative Research Project (Number/Name) 2242 I SBIR ADMIN - NAVSEA										
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
2242: SBIR ADMIN - NAVSEA	0.000	5.154	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	5.154
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Small Business Innovative Research (SBIR) Administration. Manage the program, technical efforts and award contracts related to SBIR.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	oco	Total
Title: NAVSEA SBIR Administration	5.154	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2016 Accomplishments:					
Small Business Innovative Research (SBIR) Administration. Manage the program, technical efforts and award contracts related to SBIR.					
FY 2017 Plans: N/A					
FY 2018 Base Plans: N/A					
FY 2018 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	5.154	0.000	0.000	0.000	0.000

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

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

None

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Exhibit R-2A, RDT&E Project Ju	stification:	: FY 2018 N	lavy							Date: May	2017	
Appropriation/Budget Activity 1319 / 6					R-1 Progra PE 060550 Research		•	, , , , , , , , , , , , , , , , , , , ,				
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
2243: SBIR ADMIN - NAVAIR	0.000	5.462	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	5.462
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Small Business Innovative Research (SBIR) Administration. Manage the program, technical efforts and award contracts related to SBIR.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	oco	Total
Title: NAVAIR SBIR Administration	5.462	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2016 Accomplishments:					
Small Business Innovative Research (SBIR) Administration. Manage the program, technical efforts and award contracts related to SBIR.					
FY 2017 Plans: N/A					
FY 2018 Base Plans: N/A					
FY 2018 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	5.462	0.000	0.000	0.000	0.000

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

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

None

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Exhibit R-2A, RDT&E Project Ju		Date: May 2017										
Appropriation/Budget Activity 1319 / 6	PE 0605502N / Small Business Innovative Research							,				
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
2244: SBIR ADMIN - NAVFAC	0.000	0.050	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.050
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Small Business Innovative Research (SBIR) Administration. Manage the program, technical efforts and award contracts related to SBIR.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	oco	Total
Title: NAVFAC SBIR Administration	0.050	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2016 Accomplishments:					
Small Business Innovative Research (SBIR) Administration. Manage the program, technical efforts and award contracts related to SBIR.					
FY 2017 Plans: N/A					
FY 2018 Base Plans: N/A					
FY 2018 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	0.050	0.000	0.000	0.000	0.000

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

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

None

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Exhibit R-2A, RDT&E Project Ju		Date: May 2017										
Appropriation/Budget Activity 1319 / 6	R-1 Program Element (Number/Name) PE 0605502N / Small Business Innovative Research Project (Number/Name) 2245 / SBIR ADMIN - NAVSUP							,				
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
2245: SBIR ADMIN - NAVSUP	0.000	0.060	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.060
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Small Business Innovative Research (SBIR) Administration. Manage the program, technical efforts and award contracts related to SBIR.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	oco	Total
Title: NAVSUP SBIR Administration	0.060	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2016 Accomplishments:					
Small Business Innovative Research (SBIR) Administration. Manage the program, technical efforts and award contracts related to SBIR					
FY 2017 Plans: N/A					
FY 2018 Base Plans: N/A					
FY 2018 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	0.060	0.000	0.000	0.000	0.000

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

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

None

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Exhibit R-2A, RDT&E Project Ju	stification:	FY 2018 N	lavy							Date: May	2017	
Appropriation/Budget Activity 1319 / 6	PE 0605502N / Small Business Innovative Research R-1 Program Element (Number/Name) PE 0605502N / Small Business Innovative Research Project (Number/Name) 2248 / SBIR ADMIN - SSPO						,					
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
2248: SBIR ADMIN - SSPO	0.000	0.259	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.259
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Small Business Innovative Research (SBIR) Administration. Manage the program, technical efforts and award contracts related to SBIR.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	oco	Total
Title: SSPO SBIR Administration	0.259	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2016 Accomplishments:					
Small Business Innovative Research (SBIR) Administration. Manage the program, technical efforts and award contracts related to SBIR.					
FY 2017 Plans: N/A					
FY 2018 Base Plans: N/A					
FY 2018 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	0.259	0.000	0.000	0.000	0.000

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

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

None

PE 0605502N: Small Business Innovative Research Navy

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Exhibit R-2A, RDT&E Project Ju	ustification	FY 2018 N	lavy							Date: May	2017	
Appropriation/Budget Activity 1319 / 6							it (Number / Business Ir	lumber/Name) MA SBIR Program				
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
2813: NSMA SBIR Program	0.000	10.000	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	10.000
Quantity of RDT&E Articles		-	-	-	-	_	-	-	-	-		

A. Mission Description and Budget Item Justification

Accomplishments/Planned Programs (\$ in Millians, Article Quantities in Each)

The Small Business Innovation Research (SBIR) program requires each Federal agency that has an extramural budget for Research and Development (R&D) in excess of \$100,000,000 to set aside 3% for SBIR in FY 2016. This funds R&D at small businesses. The program goals are to stimulate technological innovation; increase small business participation in federally funded R&D; foster participation by minority and disadvantaged firms in technological innovation; and increase private sector commercialization of federal R&D.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	oco	Total
Title: NSMA SBIR PROGRAM	10.000	0.000	0.000	0.000	0.000
Articles:	-	-	-	_	-
FY 2016 Accomplishments:					
Phase 1 and Phase II's awarded based on Broad Agency Announcements (BAAs) issued three times a year for SBIR describing R&D needs and inviting proposals from small companies.					
Phase I Feasibility:					
Phase I awards determined the scientific and technical merit and feasibility of the proposed effort and quality of performance by the small business concerns (SBC).					
Phase II Technology Development: Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the					
Navy's needs. These awards further developed the technology, maturing the Technology Readiness Level (TRL) and providing prototypes or other sources validating the technology.					
Phase III Commercialization:					
In Phase III the ultimate goal of the SBIR program is to grow small businesses and meet war-fighter					
requirements. Phase III contracts are awarded to those efforts that were ready to be commercialized or					
integrated into a Program of Record (POR). The DOD started tracking DOD Phase III contract awards in 2000 in					
order to track the success of the SBIR program. The Navy generally awards more Phase III contracts than the rest of the DOD combined. Although no government SBIR funds are involved, phase III funding can come from					
rest of the Bob combined. Although no government oblivitude are involved, phase in fulfulling can come from					

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Appropriation/Budget Activity 1319 / 6	R-1 Program Element (Number PE 0605502N / Small Business / Research	•	Project (Number/Name) 2813 / NSMA SBIR Program				
B. Accomplishments/Planned Programs (\$ in Millions, Article	e Quantities in Each <u>)</u>	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	
the government and/or private sector. The target is to transition services that benefit the Navy acquisition community and our Na							
FY 2017 Plans: N/A							
FY 2018 Base Plans: N/A							

Accomplishments/Planned Programs Subtotals

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

Exhibit R-2A. RDT&E Project Justification: FY 2018 Navv

N/A

N/A

Remarks

D. Acquisition Strategy

FY 2018 OCO Plans:

N/A

E. Performance Metrics

None

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Exhibit R-2A, RDT&E Project Ju		Date: May	2017									
Appropriation/Budget Activity 1319 / 6						am Elemen)2N / Small	•	,	Project (Number/Name) 2814 / SBIR ADMIN - NSMA			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
2814: SBIR ADMIN - NSMA	0.000	0.560	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.560
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Small Business Innovative Research (SBIR) Administration. Manage the program, technical efforts and award contracts related to SBIR.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	oco	Total
Title: SBIR ADMIN - NSMA	0.560	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2016 Accomplishments:					
Small Business Innovative Research (SBIR) Administration. Manage the program, technical efforts and award contracts related to SBIR.					
FY 2017 Plans: N/A					
FY 2018 Base Plans: N/A					
FY 2018 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	0.560	0.000	0.000	0.000	0.000

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

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

None

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Exhibit R-2A, RDT&E Project Ju		Date: May 2017										
Appropriation/Budget Activity 1319 / 6						am Elemen)2N / Small	•	,	Project (Number/Name) 3201 / SBIR CRP - NAVAIR			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
3201: SBIR CRP - NAVAIR	0.000	1.173	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	1.173
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Section 252 of the 2006 NDAA Public law No. 109-163 allowed up to 1% of the SBIR to be used to fund the administrative costs of the Commercialization Pilot Program (CPP). The pilot program transitioned to the Commercialization Readiness Program (CRP). CRP is part of the SBIR and STTR Reauthorization Act of 2012 (P. L. 112-81, Section 5001).

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	ОСО	Total
Title: Commercialization Readiness Program (CRP) - NAVAIR	1.173	0.000	0.000	0.000	0.000
Articles:	_	-	-	-	-
FY 2016 Accomplishments: Manage the Commercialization Readiness Program (CRP).					
FY 2017 Plans: N/A					
FY 2018 Base Plans: N/A					
FY 2018 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	1.173	0.000	0.000	0.000	0.000

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

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

None

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Exhibit R-2A, RDT&E Project Ju		Date: May 2017										
Appropriation/Budget Activity 1319 / 6						am Elemen)2N / Small	•	,	Project (Number/Name) 3202 I SBIR CRP - SPAWAR			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
3202: SBIR CRP - SPAWAR	0.000	0.098	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.098
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Section 252 of the 2006 NDAA Public law No. 109-163 allowed up to 1% of the SBIR to be used to fund the administrative costs of the Commercialization Pilot Program (CPP). The pilot program transitioned to the Commercialization Readiness Program (CRP). CRP is part of the SBIR and STTR Reauthorization Act of 2012 (P. L. 112-81, Section 5001).

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	oco	Total
Title: SBIR Commercialization Readiness Program (CRP) SPAWAR	0.098	0.000	0.000	0.000	0.000
Articles:	-	-	_	-	-
FY 2016 Accomplishments: Managed the Commercialization Readiness Program (CRP).					
FY 2017 Plans: N/A					
FY 2018 Base Plans: N/A					
FY 2018 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	0.098	0.000	0.000	0.000	0.000

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

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

None

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Exhibit R-2A, RDT&E Project Ju		Date: May 2017										
Appropriation/Budget Activity 1319 / 6						am Elemen 02N / Small	•	,	Project (Number/Name) 3203 / SBIR CRP - NAVSEA			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
3203: SBIR CRP - NAVSEA	0.000	0.789	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.789
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Section 252 of the 2006 NDAA Public law No. 109-163 allowed up to 1% of the SBIR to be used to fund the administrative costs of the Commercialization Pilot Program (CPP). The pilot program transitioned to the Commercialization Readiness Program (CRP). CRP is part of the SBIR and STTR Reauthorization Act of 2012 (P. L. 112-81, Section 5001).

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	oco	Total
Title: SBIR Commercialization Readiness Program (CRP) NAVSEA	0.789	0.000	0.000	0.000	0.000
Articles:	_	-	-	-	-
FY 2016 Accomplishments: Manage the Commercialization Readiness Program (CRP).					
FY 2017 Plans: N/A					
FY 2018 Base Plans: N/A					
FY 2018 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	0.789	0.000	0.000	0.000	0.000

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

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

None

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Exhibit R-2A, RDT&E Project Ju		Date: May 2017												
Appropriation/Budget Activity 1319 / 6						, ,					Project (Number/Name) 3204 / SBIR CRP - USMC			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost		
3204: SBIR CRP - USMC	0.000	0.128	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	0.128		
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-				

A. Mission Description and Budget Item Justification

Section 252 of the 2006 NDAA Public law No. 109-163 allowed up to 1% of the SBIR to be used to fund the administrative costs of the Commercialization Pilot Program (CPP). The pilot program transitioned to the Commercialization Readiness Program (CRP). CRP is part of the SBIR and STTR Reauthorization Act of 2012 (P. L. 112-81, Section 5001).

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	oco	Total
Title: SBIR Commercialization Readiness Program (CRP) MARINE CORPS	0.128	0.000	0.000	0.000	0.000
Articles:	_	-	-	-	-
FY 2016 Accomplishments: Manage the Commercialization Readiness Program (CRP).					
FY 2017 Plans: N/A					
FY 2018 Base Plans: N/A					
FY 2018 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	0.128	0.000	0.000	0.000	0.000

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

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

None

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy										Date: May	2017	
_ · · · · · · · · · · · · · · · · · · ·					, ,				Project (Number/Name) 3205 / SBIR CRP - ONR			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
3205: SBIR CRP - ONR	0.000	1.005	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	1.005
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Section 252 of the 2006 NDAA Public law No. 109-163 allowed up to 1% of the SBIR to be used to fund the administrative costs of the Commercialization Pilot Program (CPP). The pilot program transitioned to the Commercialization Readiness Program (CRP). CRP is part of the SBIR and STTR Reauthorization Act of 2012 (P. L. 112-81, Section 5001).

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	oco	Total
Title: SBIR Commercialization Readiness Program (CRP) ONR	1.005	0.000	0.000	0.000	0.000
Articles:	-	-	_	_	-
FY 2016 Accomplishments: Manage the Commercialization Readiness Program (CRP).					
FY 2017 Plans: N/A					
FY 2018 Base Plans: N/A					
FY 2018 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	1.005	0.000	0.000	0.000	0.000

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

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

None

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy									2017			
						PE 0605502N / Small Business Innovative 3213 / NAV				lumber/Name) VAIR STTR Program		
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
3213: NAVAIR STTR Program	0.000	17.598	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	17.598
Quantity of RDT&E Articles		-	-	-	-	-	-	_	-	-		

A. Mission Description and Budget Item Justification

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

The Small Business Technology Transfer (STTR) program requires each Federal agency that has an extramural budget for Research and Development (R&D) in excess of \$1,000,000,000 to set aside 0.45% for STTR in FY 2016. This funds cooperative R&D between small businesses and research institutions. The program goals are to create vehicles from moving ideas from research institutions to market; enable researchers to pursue commercial application of technologies; and bridge funding gap between basic research and commercial product.

		Base	oco	Total
17.598	0.000	0.000	0.000	0.000
-	-	-	-	-
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FY 2018 | FY 2018 | FY 2018

Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy	Date: May 2017		
1319 / 6	,	, ,	umber/Name) /AIR STTR Program

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	oco	Total
N/A					
FY 2018 Base Plans: N/A					
FY 2018 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	17.598	0.000	0.000	0.000	0.000

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

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

None

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy									Date: May 2017			
1319 / 6 PE (• • • • • • • • • • • • • • • • • • • •				Number/Name) BIR Trial Admin Program		
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
3344: SBIR Trial Admin Program	0.000	9.581	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	9.581
Quantity of RDT&E Articles		-	-	-	-	_	-	-	-	-		

A. Mission Description and Budget Item Justification

The Small Business Innovation Research (SBIR) program requires each Federal agency that has an extramural budget for Research and Development (R&D) in excess of \$100,000,000 to set aside 3% for SBIR in FY 2016. This funds R&D at small businesses. The program goals are to stimulate technological innovation; increase small business participation in federally funded R&D; foster participation by minority and disadvantaged firms in technological innovation; and increase private sector commercialization of federal R&D.

This project provides funding for the pilot administrative program authorized by the FY 2012 National Defense Authorization Act (SEC. 5141. PILOT TO ALLOW FUNDING FOR ADMINISTRATIVE, OVERSIGHT, AND CONTRACT PROCESSING COSTS.)

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2018	FY 2018	FY 2018
	FY 2016	FY 2017	Base	oco	Total
Title: SBIR Trial Admin Program	9.581	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2016 Accomplishments:					
-This project provides funding for the pilot administrative program authorized by the FY 2012 National Defense Authorization Act (SEC. 5141. PILOT TO ALLOW FUNDING FOR ADMINISTRATIVE, OVERSIGHT, AND CONTRACT PROCESSING COSTS).					
FY 2017 Plans: N/A					
FY 2018 Base Plans: N/A					
FY 2018 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	9.581	0.000	0.000	0.000	0.000

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

N/A

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy	Date : May 2017	
Appropriation/Budget Activity 1319 / 6	R-1 Program Element (Number/Name) PE 0605502N / Small Business Innovative Research	Project (Number/Name) 3344 I SBIR Trial Admin Program
C. Other Program Funding Summary (\$ in Millions)		
Remarks		
D. Acquisition Strategy N/A		
E. Performance Metrics		
None		

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