Exhibit R-2, RDT&E Budget Item Justification: PB 2019 United States Special Operations Command											**Date:** February 2018	
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*						**R-1 Program Element (Number/Name)** PE 1160405BB *I Intelligence Systems Development*						

COST ($ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
Total Program Element	570.242	5.803	8.245	10.625	-	10.625	9.094	9.030	8.898	9.070	Continuing	Continuing
S400: *SO Intelligence Systems*	570.242	5.803	8.245	10.625	-	10.625	9.094	9.030	8.898	9.070	Continuing	Continuing

A. Mission Description and Budget Item Justification

This program element is part of the Military Intelligence Program (MIP) that provides for the identification, development, and testing of Special Operations Forces (SOF) intelligence equipment to identify and eliminate deficiencies in providing timely intelligence to deployed forces. Sub-projects address the primary areas of intelligence dissemination, sensor systems, tagging, tracking, and locating devices, integrated threat warning to SOF mission platforms, biometric/forensic site exploitation and tactical exploitation of national system capabilities. USSOCOM has developed an overall strategy to ensure that Command, Control, Communications, Computers, and Intelligence (C4I) systems continue to provide SOF with the required capabilities into the 21st century. USSOCOM's C4I systems comprise an integrated network of systems providing positive command and control and timely exchange of intelligence and threat warning to all organizational echelons. The C4I systems that support this new architecture employ the latest standards and technology by transitioning from separate systems to full integration with the Global Information Grid (GIG). The GIG allows SOF elements to operate with any force combination in multiple environments.

B. Program Change Summary ($ in Millions)

	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Previous President's Budget	9.858	8.245	8.113	-	8.113
Current President's Budget	5.803	8.245	10.625	-	10.625
Total Adjustments	-4.055	0.000	2.512	-	2.512
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-3.900	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.155	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments	-	-	2.512	-	2.512

Change Summary Explanation

Funding:

FY 2017: Decrease of -$4.055 million is due to Congressional directed reductions to the Joint Threat Warning System (-$2.000 million), the National System Support to SOF (-$1.900 million) programs and a reprogramming of $0.155 million to higher command priorities.
FY 2018: None.

Exhibit R-2, **RDT&E Budget Item Justification:** PB 2019 United States Special Operations Command		**Date:** February 2018
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 1160405BB *I Intelligence Systems Development*	

FY 2019: Net Increase of $2.512 million due to an increase of $0.250 million for the Maritime Combat Development of Special Reconnaissance Equipment, a decrease of $0.778 million to account for the availability of prior year execution balances, a decrease of $0.060 million to reflect Departmental economic assumption decrease and an increase of $3.100 million for Special Operations Forces Planning, Rehearsal and Execution Preparation efforts.

Schedule: None.

Technical: None.

Exhibit R-2A, RDT&E Project Justification: PB 2019 United States Special Operations Command										Date: February 2018	
Appropriation/Budget Activity 0400 / 7				**R-1 Program Element (Number/Name)** PE 1160405BB / *Intelligence Systems Development*						**Project (Number/Name)** S400 / *SO Intelligence Systems*	

COST ($ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
S400: *SO Intelligence Systems*	570.242	5.803	8.245	10.625	-	10.625	9.094	9.030	8.898	9.070	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This sub-project is part of the Military Intelligence Program (MIP). Provides for the identification, development, and testing of Special Operations Forces (SOF) intelligence equipment to identify and eliminate deficiencies in providing timely intelligence to deployed forces. Sub-projects address the primary areas of intelligence dissemination, sensor systems, tagging, tracking, and locating devices, integrated threat warning to SOF mission platforms, and tactical exploitation of national system capabilities. The systems developed and tested in this line item are National Systems Support to SOF (NSSS); Joint Threat Warning System (JTWS); Hostile Forces - Tagging, Tracking, and Locating (HF-TTL); Special Operations Tactical Video System/Reconnaissance, Surveillance, and Target Acquisition (TVS/RSTA); Special Operations Forces Planning, Rehearsal and Execution Preparation (SOFPREP); Integrated Survey Program (ISP); and Sensitive Site Exploitation (SSE).

U.S. Special Operations Command (USSOCOM) has developed an overall strategy to ensure that Command, Control, Communications, Computers, and Intelligence (C4I) systems continue to provide SOF with the required capabilities throughout the 21st century. USSOCOM's C4I systems comprise an integrated network of systems providing positive command and control and timely exchange of intelligence and threat warning to all organizational echelons. The C4I systems that support this new architecture employ the latest standards and technology by transitioning from separate systems to full integration with the Global Information Grid (GIG). The GIG allows SOF elements to operate with any force combination in multiple environments. The intelligence programs funded in this project will meet annual emergent requirements and are grouped by the level of organizational element they support: Operational Element (Team) and Above Operational Element (Garrison).

B. Accomplishments/Planned Programs ($ in Millions)

	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Title: NSSS	0.816	0.832	0.849	-	0.849

Description: This program provides research and development and rapid prototyping as the HQ SOCOM Tactical Exploitation of National Capabilities (TENCAP) program. NSSS improves the combat effectiveness of USSOCOM, its components, and the Theater Special Operations Commands (TSOC) by leveraging National Geospatial-Intelligence (NGA) and Service development efforts to provide innovative space-based intelligence systems technologies and enhancements, products and special communications capabilities to tactical SOF units to include Geospatial Intelligence (GEOINT), Signals Intelligence (SIGINT), Special Communications, and intelligence fusion, reporting, and dissemination. NSSS efforts are characterized by rapid development, fielding and deployment, and focus on transitioning to SOCOM Programs of Records (POR). These developmental efforts usually support SOCOM's existing Military Intelligence Programs. NSSS will also improve SIGINT capabilities by pursuing Joint Interface Control Document 4.x and follow-on compliant SIGINT capabilities, extending SOCOM's cross-domain security infrastructure by adding unclassified sensors into theater net-centric

Exhibit R-2A, RDT&E Project Justification: PB 2019 United States Special Operations Command		Date: February 2018	

Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160405BB / *Intelligence Systems Development*	Project (Number/Name) S400 / *SO Intelligence Systems*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
geo-location architecture, improve detection of Low-Probability of Intercept/Low Probability of Detection signals, and automate radar characterizations that enhance tactical SOF capabilities to find, fix, monitor, and target assets using NTM. ***FY 2018 Plans:*** Continue development of SOF-required prototype capabilities, primarily through leveraging current or developing technologies and assets in the Intelligence Community (IC), while coordinating with SOCOM and IC Programs of Record for production and operational fielding of the successful capabilities. Emphasize areas to include ISR support for Tagging, Tracking, and higher-accuracy geo-locating of hostile and friendly forces, especially in low sensor density environments. ***FY 2019 Base Plans:*** Continues development of SOF-required prototype capabilities, primarily through leveraging current or developing technologies and assets in the Intelligence Community (IC), while coordinating with SOCOM and IC Programs of Record for production and operational fielding of the successful capabilities. Emphasizes areas to include ISR support for Tagging, Tracking, and higher-accuracy geo-locating of hostile and friendly forces, especially in low sensor density environments. ***FY 2018 to FY 2019 Increase/Decrease Statement:*** Increase of $0.017 million due project funding adjustments.					
Title: JTWS **Description:** The JTWS System of Systems (SoS) enables the SOF Cryptologic Operator to collect, process, locate and exploit threat communications signals of interest in order to provide timely, relevant, and responsive intelligence, cross-cueing, and threat avoidance information directly to the SOF Commanders. The JTWS SoS is assembled in four variants: Ground SIGINT Kit; Maritime; Air; and UAS. Each variant has additional requirements for Communications Intelligence, Electronic Intelligence, and Precision Geo-location. ***FY 2018 Plans:*** Continue evaluating interoperability of technologies on JTWS variants as well as continue testing of the various system of systems. Continue technical evaluation of evolving technologies for all variants in order to provide additional capabilities to address emerging threats. Begin modular/scalable open architecture D&T. ***FY 2019 Base Plans:***	3.093	5.335	4.532	-	4.532

Exhibit R-2A, RDT&E Project Justification: PB 2019 United States Special Operations Command		Date: February 2018
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160405BB / Intelligence Systems Development	Project (Number/Name) S400 / SO Intelligence Systems

B. Accomplishments/Planned Programs ($ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Continues evaluating interoperability of technologies on JTWS variants as well as continue testing of the various system of systems. Continues technical evaluation of evolving technologies for all variants in order to provide additional capabilities to address emerging threats. Continues modular/scalable open architecture D&T.					
FY 2018 to FY 2019 Increase/Decrease Statement: Decrease of $0.803 million is a realignment to higher command priorities.					
Title: HF-TTL *Description:* This program utilizes a commodity procurement strategy to provide SOF warfighters with the necessary tools to find, fix, and finish terrorist networks through the emplacement of sophisticated tags and devices that feed into an integrated architecture. HF-TTL provides Global Combatant Commanders (GCC) and SOF operators with an immediate capability to tag, track, and locate people, things, and activities. The HF-TTL program provides actionable intelligence for SOF planners. The mission sets comprise a mix of different classes of tags and their associated detection, interrogation, viewing, tracking, and communications systems that are fielded annually to SOF Components and TSOC based upon dynamic and emergent SOF operational requirements. *FY 2018 Plans:* Continue specialized device modifications, product development support, integration and operational testing and evaluation. *FY 2019 Base Plans:* Continues specialized device modifications, product development support, integration and operational testing and evaluation. **FY 2018 to FY 2019 Increase/Decrease Statement:** Decrease of $0.102 million due to minor adjustments.	0.801	0.811	0.709	-	0.709
Title: TVS/RSTA *Description:* This program provides SOF with critical Special Reconnaissance (SR) equipment that directly supports the planning and execution of SOF missions. This capability allows the SOF warfighter to meet SOF SR mission requirements to find, fix, finish, exploit, analyze, and disseminate information of an adversary's movement, construct, identification, location; and associated activities. TVS/RSTA provides GCC and SOF operators with an immediate capability to visually and electronically acquire people, things, and activities and provides actionable intelligence for SOF planners and Commanders. The program Family of Systems (FoS)	0.370	0.393	0.564	-	0.564

Exhibit R-2A, RDT&E Project Justification: PB 2019 United States Special Operations Command			Date: February 2018		
Appropriation/Budget Activity 0400 / 7		R-1 Program Element (Number/Name) PE 1160405BB / Intelligence Systems Development		Project (Number/Name) S400 / SO Intelligence Systems	

B. Accomplishments/Planned Programs ($ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
consists of interoperable equipment to capture and transfer near-real-time ground-based, tactical day/night/ reduced visibility, imagery, video, and electronic proximity and movement sensing, all capable of dissemination through SOF organic, global C4I, and commercial communications infrastructures. ***FY 2018 Plans:*** Continue specialized device modifications, integration and operational testing and evaluation. ***FY 2019 Base Plans:*** Continues specialized device modifications, integration and operational testing and evaluation. ***FY 2018 to FY 2019 Increase/Decrease Statement:*** Net increase of $0.171 million due to re-phasing of effort into FY 2019 for prior year under-execution ($0.022) and $0.149 million in support of the Maritime Combat Development of Special Reconnaissance Equipment.					
Title: SOFPREP ***Description:*** This program serves as the intelligence focal point for production of SOF enhanced GEOINT (maps, imagery, and terrain data) and 3D scene visualization databases. SOFPREP gathers, processes, exploits, disseminates, and manages classified high resolution 3D databases and GEOINT data in support of SOF training, mission rehearsal, and execution preparation systems. The program builds the SOF common geospatial environment and manages the authoritative database of SOF-specific GEOINT terrain data. SOFPREP is a NGA-certified co-producer in support of time-sensitive SOF specific requirements. ***FY 2018 Plans:*** Continue testing and evaluation of operational prototype systems to speed production of correlated high resolution 3D geospatial databases. ***FY 2019 Base Plans:*** Continues testing and evaluation of operational prototype systems to speed production of correlated high resolution 3D geospatial databases. ***FY 2018 to FY 2019 Increase/Decrease Statement:*** Net Increase of $3.085 million due to a decrease of $0.015 million due to realignments for higher command priorities and an increase of $3.100 million for Prototype emerging technologies to advance the applications of cutting edge computer vision, image processing, and quantum computing.	0.439	0.291	3.376	-	3.376
Title: ISP	0.127	0.402	0.409	-	0.409

Exhibit R-2A, RDT&E Project Justification: PB 2019 United States Special Operations Command			Date: February 2018		
Appropriation/Budget Activity 0400 *I* 7		**R-1 Program Element (Number/Name)** PE 1160405BB *I Intelligence Systems Development*		**Project (Number/Name)** S400 *I SO Intelligence Systems*	

B. Accomplishments/Planned Programs ($ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Description: This program collects and produces current, detailed, tactical planning data to support military operations to counter threats against U.S. citizens, interests, and property located both domestically and overseas. ISP products are specifically tailored packages that provide operational information, as well as intelligence data for use by DOD and the U.S. Department of State to support operational planners for counter-terrorism operations, evacuations, and other rescue missions. *FY 2018 Plans:* Continue development of ISP system and products to integrate with enterprise architecture and support the latest standards and technology. *FY 2019 Base Plans:* Continues development of ISP system and products to integrate with enterprise architecture and support the latest standards and technology. *FY 2018 to FY 2019 Increase/Decrease Statement:* Increase of $0.007 million is due to miscellaneous increases in testing efforts.					
Title: SSE *Description:* This program provides the capability to exploit personnel, documents, electronic data, material, and forensic evidence on sensitive sites/objectives. Biometric kits allow collection and transmission of unique, measurable biometric signatures from personnel, including live/latent fingerprints, iris patterns, and facial features. It also provides a means to verify against and enroll subjects into the DOD authoritative database, and to query that database to support hold or release decisions. Forensic kits enable on-objective linking of events to specific persons through chemical analysis, latent fingerprints, cell phones and computer data analysis, and deoxyribonucleic acid collection. Exploitation Analysis Centers provide theater-level mobile forensic capabilities for more in-depth exploitation of captured evidence. *FY 2018 Plans:* Continue technical evaluation of new technologies. *FY 2019 Base Plans:* Continues technical evaluation of new technologies. *FY 2018 to FY 2019 Increase/Decrease Statement:*	0.157	0.181	0.186	-	0.186

Exhibit R-2A, **RDT&E Project Justification:** PB 2019 United States Special Operations Command		**Date:** February 2018
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 1160405BB / *Intelligence Systems Development*	**Project (Number/Name)** S400 / *SO Intelligence Systems*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2017**	**FY 2018**	**FY 2019 Base**	**FY 2019 OCO**	**FY 2019 Total**
Increase of $0.005 million is due to adjustments in testing requirements.					
Accomplishments/Planned Programs Subtotals	5.803	8.245	10.625	-	10.625

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
• PROC/020400INTL: *Intelligence Systems*	104.080	94.538	85.699	16.500	102.199	99.067	105.269	115.679	121.879	Continuing	Continuing

Remarks

D. Acquisition Strategy

• NSSS introduces and integrates national systems capabilities into the SOF force structure and operations. This is accomplished by partnering with existing IC POR to incorporate SOF mission requirements into current and developing technologies and assets. This leveraging of funds increases national and commercial systems awareness, demonstrates the tactical utility of national systems and commercial data, tests technologies and evaluates operational concepts in biennial Joint Staff Special Projects, and allows for the transition of promising concepts and technologies to other SOF program offices for execution.

• JTWS is a SoS leveraging commercial technologies and partnerships with other government agencies. The POR will identify Commercial Off The Shelf (COTS)/ Government Off The Shelf capabilities requiring minimal modifications and only use new development when necessary. JTWS will address the continuously evolving threat environments on the Ground, Air, Maritime, and Unmanned Aircraft System variants, leverage existing partnerships with the National Security Agency and other government partners to integrate and sustain systems based on prioritized need from the Components and as emerging threats require technology modernizations. Additionally, the POR will work to find common solutions across the variants and increase interoperability in order to reduce duplication of efforts. The contracting strategy is a mixture of full and open competition for prime integrators and leveraging existing Indefinite Delivery/Indefinite Quantity (IDIQ) contracts for COTS procurement.

• HF-TTL utilizes a commodity procurement acquisition strategy to provide highly sophisticated TTL and close target audio/video devices capable of operating in various environments as needed to meet SOF operational requirements. Commercial and government agency sources will be leveraged for required certifications, device level modifications, integration, functional, and operational testing and evaluations.

• TVS/RSTA employs an evolutionary strategy to incorporate the latest state of technology within its product line to provide upgraded next-generation technology insertion of COTS systems and address the changing threat environment to meet SOF reconnaissance and surveillance mission requirements. Commercial and government agency sources will be leveraged for required certifications, system level integration, functional, and operational testing and evaluations.

Exhibit R-2A, **RDT&E Project Justification:** PB 2019 United States Special Operations Command		**Date:** February 2018
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 1160405BB *I Intelligence Systems Development*	**Project (Number/Name)** S400 *I SO Intelligence Systems*

• SOFPREP employs an evolutionary strategy to insert emerging technologies for processing, exploitation and dissemination capabilities tailored to SOF user-defined mission requirements. Commercial and government agency sources are leveraged for required certifications, system level integration, functional, and operational testing and evaluations.

• ISP employs an evolutionary strategy to insert emerging technologies for collection, processing, exploitation and dissemination capabilities tailored to SOF user-defined mission requirements. Commercial and government agency sources are leveraged for required certifications, system level integration, functional, and operational testing and evaluations.

• SSE uses a commodity procurement acquisition strategy to provide next-generation technologies for collection, processing, exploitation and dissemination capabilities supporting SOF exploitation mission requirements. Commercial and government agency sources are leveraged for required certifications, system level integration, functional, and operational testing and evaluations.

E. Performance Metrics
 N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 United States Special Operations Command		Date: February 2018
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 1160405BB / Intelligence Systems Development	**Project (Number/Name)** S400 / SO Intelligence Systems

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017 Cost	FY 2017 Award Date	FY 2018 Cost	FY 2018 Award Date	FY 2019 Base Cost	FY 2019 Base Award Date	FY 2019 OCO Cost	FY 2019 OCO Award Date	FY 2019 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
National Systems Support to SOF (NSSS)	MIPR	Various : Various	15.947	0.816	Feb 2017	0.832	Feb 2018	0.849	Feb 2019	-		0.849	Continuing	Continuing	-
Joint Threat Warning System (JTWS)-Air Increment 2	MIPR	SPAWAR : Charleston, SC	7.103	0.702	Feb 2017	0.428	Feb 2018	0.500	Feb 2019	-		0.500	Continuing	Continuing	-
JTWS-Ground Sigint Kit (GSK), Inc 2	C/CPFF	Various : Various	20.643	0.290	Feb 2017	0.932	Apr 2018	0.500	Apr 2019	-		0.500	Continuing	Continuing	-
JTWS-Maritime	C/CPFF	Various : Various	8.261	1.079	Apr 2017	0.871	Apr 2018	0.479	Apr 2019	-		0.479	Continuing	Continuing	-
JTWS-All Variants	MIPR	Various : Various	2.291	0.413	Apr 2017	0.000	Feb 2018	0.393	Apr 2019	-		0.393	Continuing	Continuing	-
Integrated Survey Program	C/FFP	Various : Various	0.403	0.127	Jan 2017	0.402	Jan 2018	0.409	Jan 2019	-		0.409	Continuing	Continuing	-
Hostile Forces-Tagging, Tracking, and Locating (HF-TTL)	C/CPFF	Various : Various	1.215	0.516	Feb 2017	0.597	Feb 2018	0.489	Feb 2019	-		0.489	Continuing	Continuing	-
Special Operations Forces Planning, Rehearsal & Execution Preparation (SOPREP)	C/Various	Various : Various	-	-		-		1.868	Feb 2019	-		1.868	Continuing	Continuing	-
Prior Year Funding - Completed Efforts	Various	Various : Various	461.047	-		-		-		-		-	Continuing	Continuing	-
Subtotal			516.910	3.943		4.062		5.487		-		5.487	Continuing	Continuing	N/A

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017 Cost	FY 2017 Award Date	FY 2018 Cost	FY 2018 Award Date	FY 2019 Base Cost	FY 2019 Base Award Date	FY 2019 OCO Cost	FY 2019 OCO Award Date	FY 2019 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
JTWS Modular/Scalable D&T	C/CPFF	TBD : TBD	-	-		3.104	Apr 2018	2.360	Apr 2019	-		2.360	Continuing	Continuing	-
Prior Year Funding - Completed Efforts	Various	Various : Various	8.296	-		-		-		-		-	Continuing	Continuing	-
Subtotal			8.296	-		3.104		2.360		-		2.360	Continuing	Continuing	N/A

Exhibit R-3, **RDT&E Project Cost Analysis:** PB 2019 United States Special Operations Command													**Date:** February 2018	
Appropriation/Budget Activity 0400 / 7					**R-1 Program Element (Number/Name)** PE 1160405BB / Intelligence Systems Development							**Project (Number/Name)** S400 / SO Intelligence Systems		

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017 Cost	FY 2017 Award Date	FY 2018 Cost	FY 2018 Award Date	FY 2019 Base Cost	FY 2019 Base Award Date	FY 2019 OCO Cost	FY 2019 OCO Award Date	FY 2019 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
JTWS	MIPR	JITC : FT Huachuca, AZ	6.985	0.609	Jan 2017	-		0.300	Jan 2019	-		0.300	Continuing	Continuing	-
Tactical Video System/ Reconnaissance, Surveillance, & Target Acquisition	MIPR	ATEC : FT Huachuca, AZ	0.945	0.370	Jan 2017	0.393	Jan 2018	0.564	Jan 2019	-		0.564	Continuing	Continuing	-
HF-TTL	MIPR	ATEC : FT Huachuca, AZ	-	0.285	May 2017	0.214	May 2018	0.220	May 2019	-		0.220	Continuing	Continuing	-
Sensitive Site Exploitation	MIPR	JITC : FT Huachuca, AZ	-	0.157	Dec 2016	0.181	Dec 2017	0.186	Dec 2018	-		0.186	Continuing	Continuing	-
Special Operations Forces Planning, Rehearsal & Execution Preparation	C/FFP	Various : Various	0.125	0.439	Jan 2017	0.291	Jan 2018	1.508	Jan 2019	-		1.508	Continuing	Continuing	-
Prior Year Funding - Completed Efforts	Various	Various : Various	0.549	-		-		-		-		-	Continuing	Continuing	-
Subtotal			8.604	1.860		1.079		2.778		-		2.778	Continuing	Continuing	N/A

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2017 Cost	FY 2017 Award Date	FY 2018 Cost	FY 2018 Award Date	FY 2019 Base Cost	FY 2019 Base Award Date	FY 2019 OCO Cost	FY 2019 OCO Award Date	FY 2019 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
NSSS Program Support	C/CPAF	Jacobs : Tampa, FL	5.753	-		-		-		-		-	Continuing	Continuing	-
Prior Year Funding - Completed Efforts	Various	Various : Various	30.679	-		-		-		-		-	Continuing	Continuing	-
Subtotal			36.432	-		-		-		-		-	Continuing	Continuing	N/A

	Prior Years	FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	570.242	5.803		8.245		10.625		-		10.625	Continuing	Continuing	N/A

Remarks

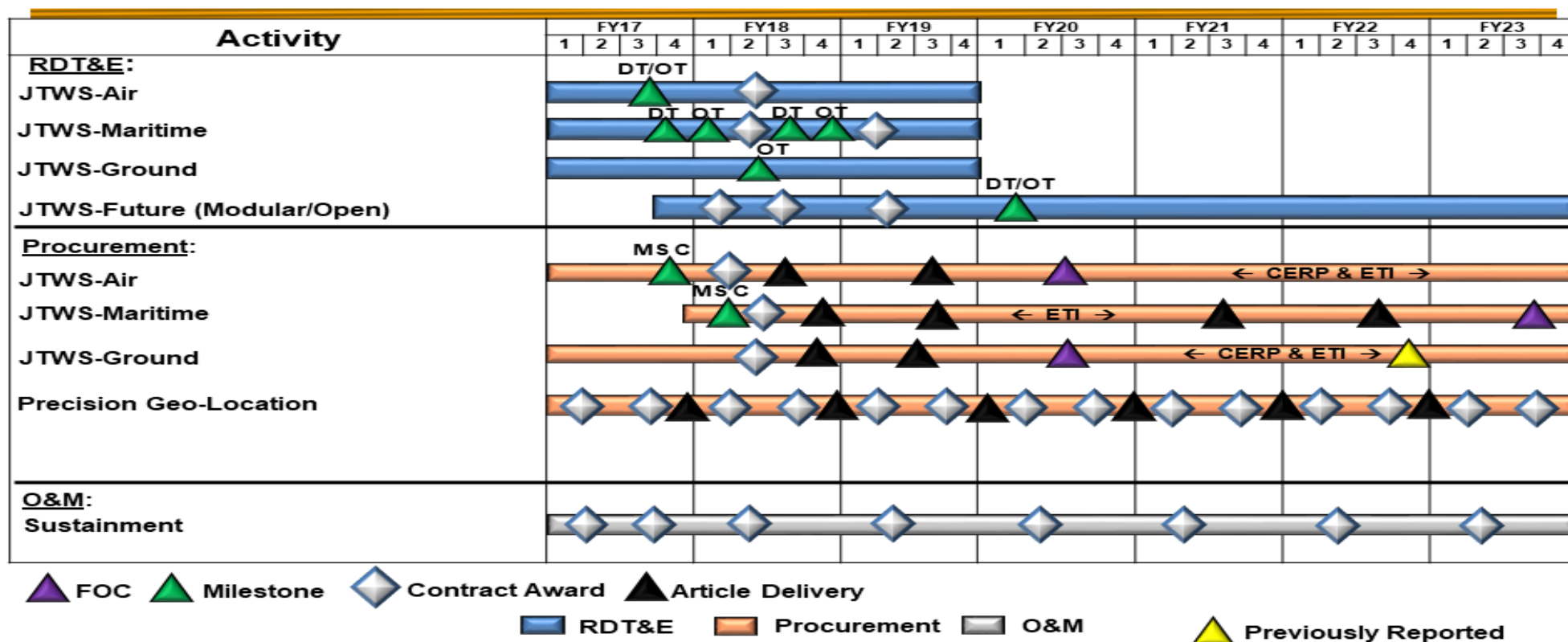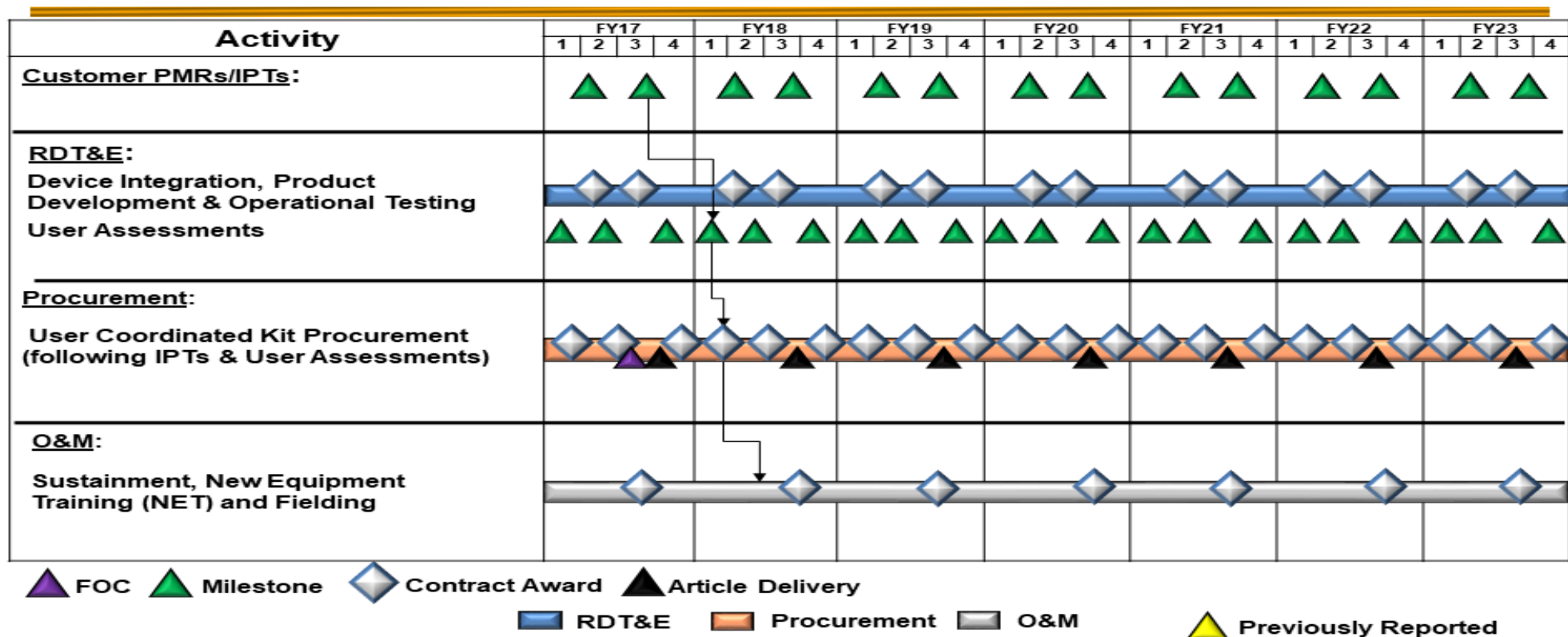| **Exhibit R-4**, **RDT&E Schedule Profile:** PB 2019 United States Special Operations Command		**Date:** February 2018
Appropriation/Budget Activity 0400 **/** 7	**R-1 Program Element (Number/Name)** PE 1160405BB **/** *Intelligence Systems Development*	**Project (Number/Name)** S400 **/** *SO Intelligence Systems*

NSSS/TENCAP Program Schedule
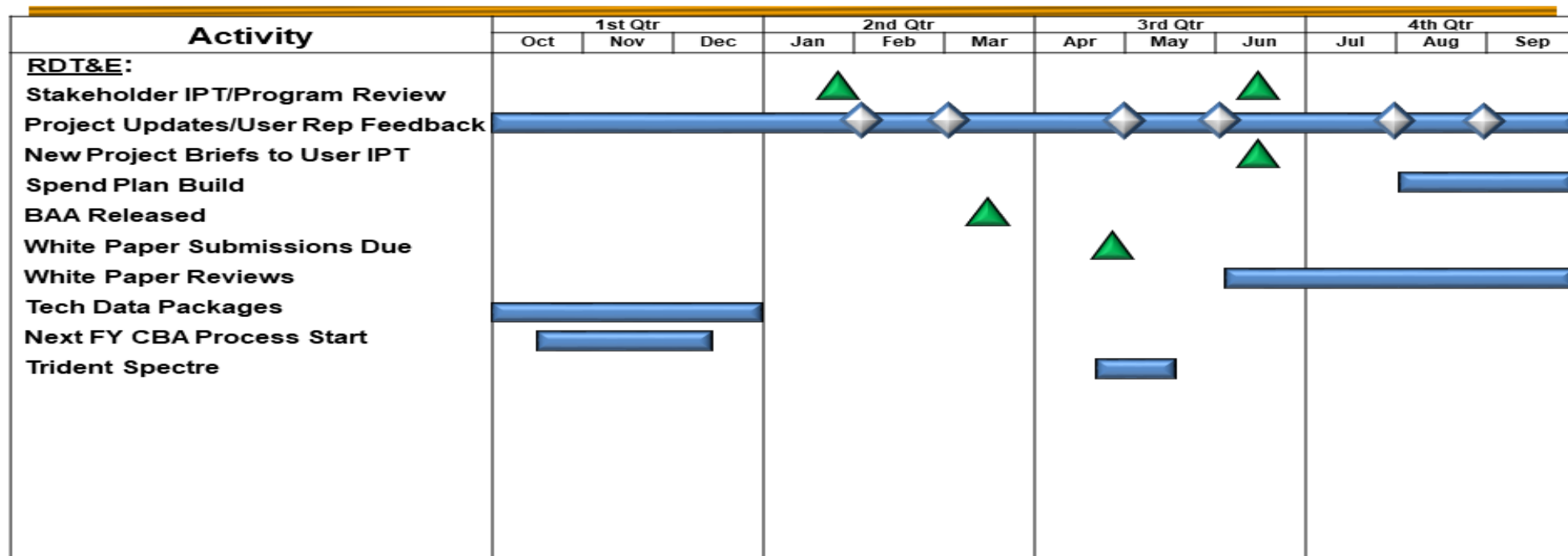
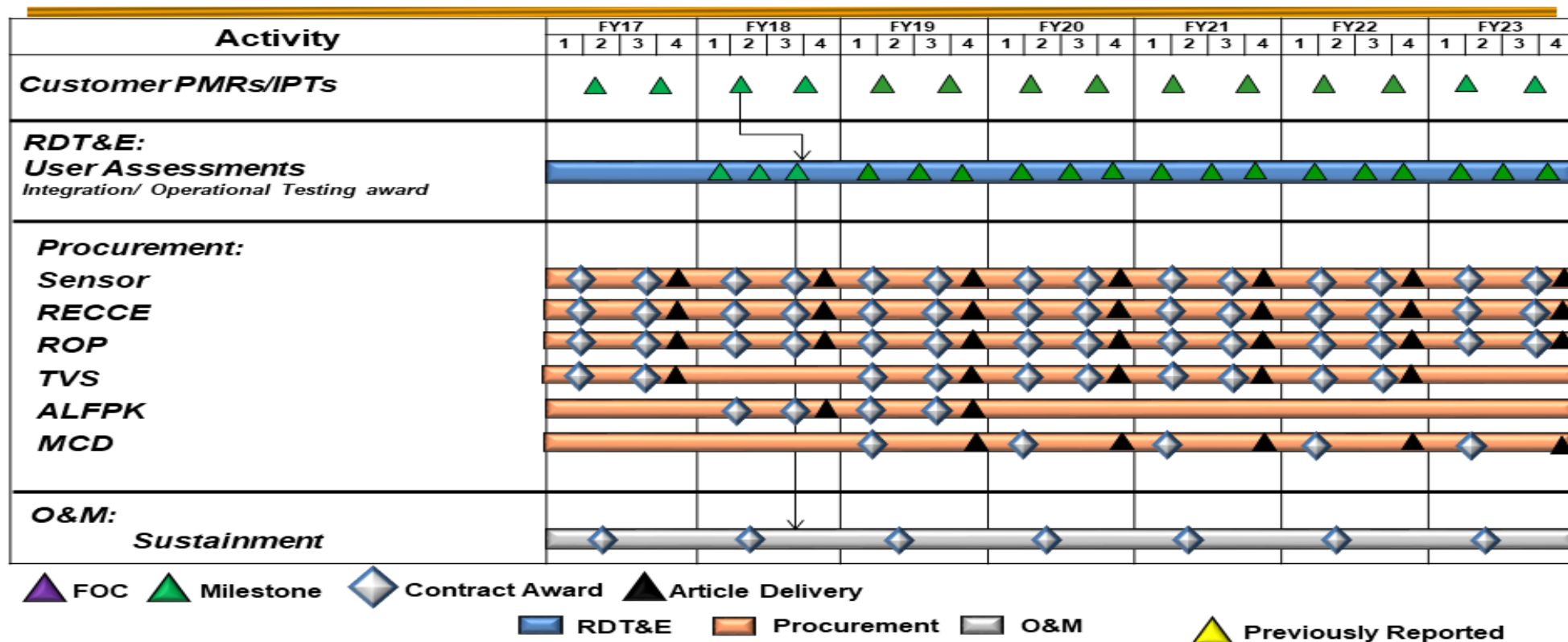| **Exhibit R-4**, **RDT&E Schedule Profile:** PB 2019 United States Special Operations Command		**Date:** February 2018
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 1160405BB / *Intelligence Systems Development*	**Project (Number/Name)** S400 / *SO Intelligence Systems*

JTWS Schedule

Exhibit R-4, **RDT&E Schedule Profile:** PB 2019 United States Special Operations Command		**Date:** February 2018
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 1160405BB / *Intelligence Systems Development*	**Project (Number/Name)** S400 / *SO Intelligence Systems*

HF-TTL Schedule

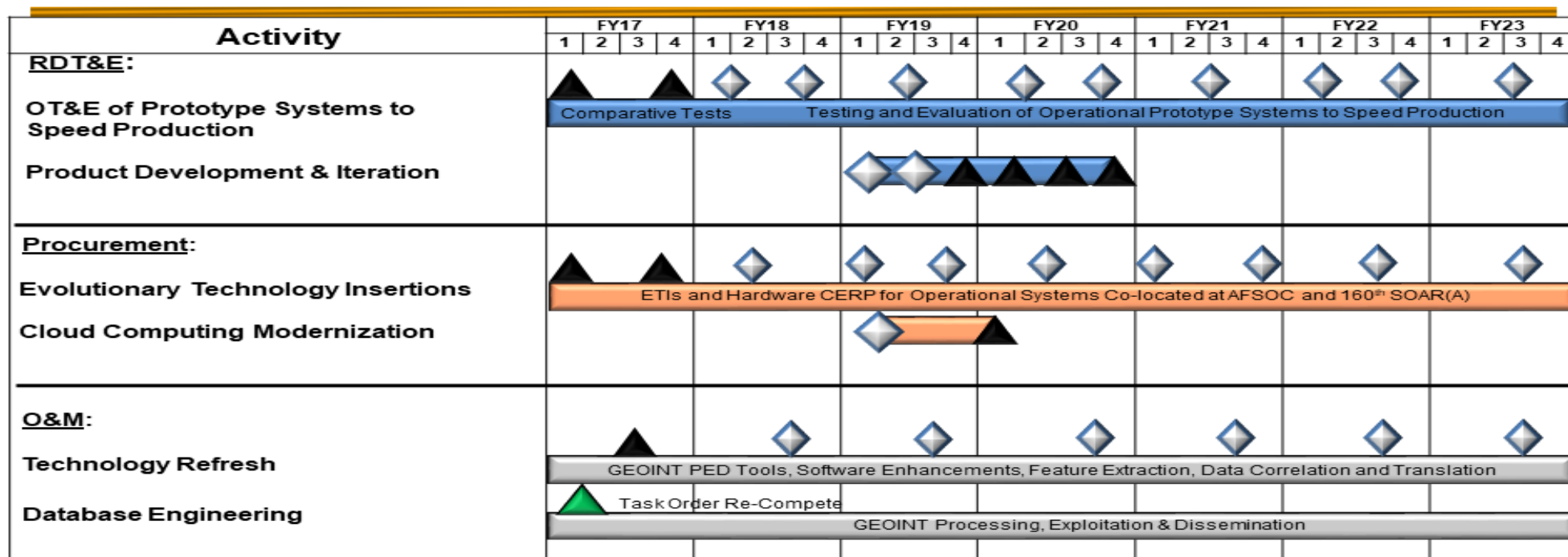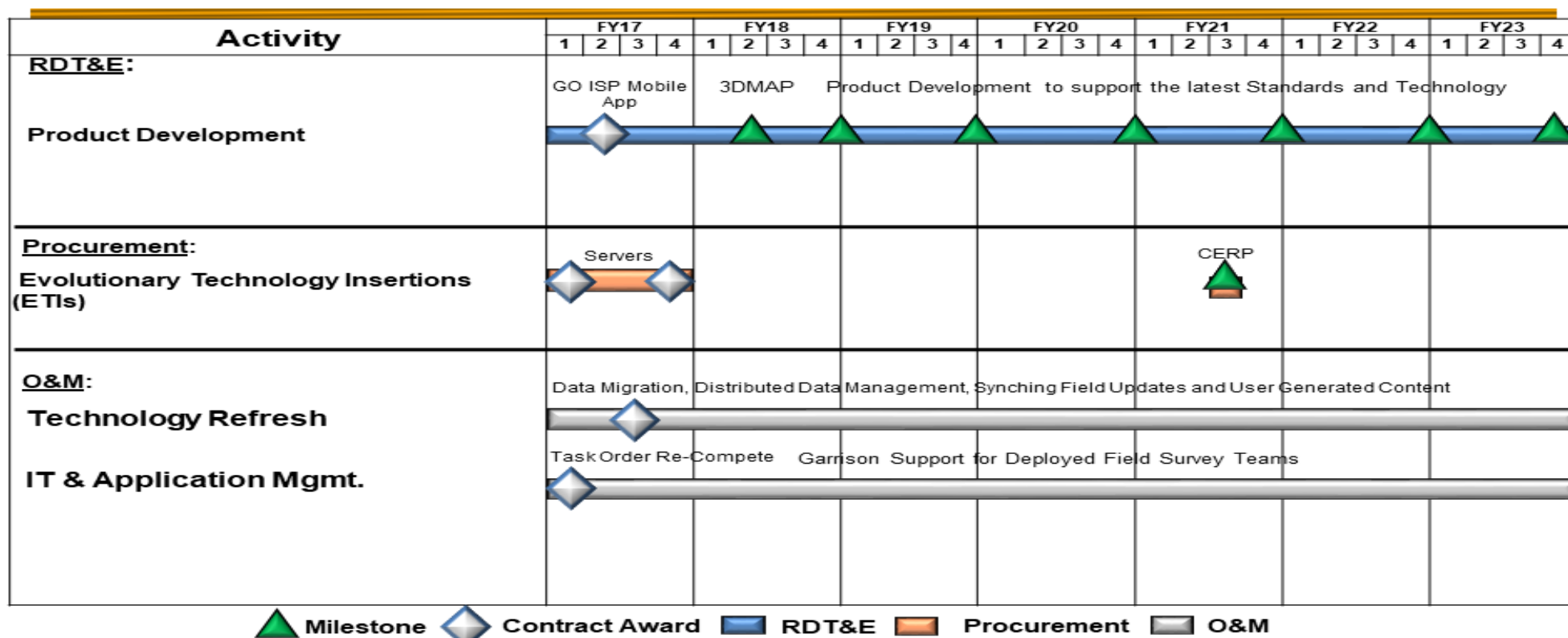| Exhibit R-4, RDT&E Schedule Profile: PB 2019 United States Special Operations Command		Date: February 2018
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 1160405BB / Intelligence Systems Development	Project (Number/Name) S400 / SO Intelligence Systems

TVS/RSTA
Schedule

Exhibit R-4, **RDT&E Schedule Profile:** PB 2019 United States Special Operations Command		**Date:** February 2018
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 1160405BB / *Intelligence Systems Development*	**Project (Number/Name)** S400 / *SO Intelligence Systems*

SOFPREP Schedule

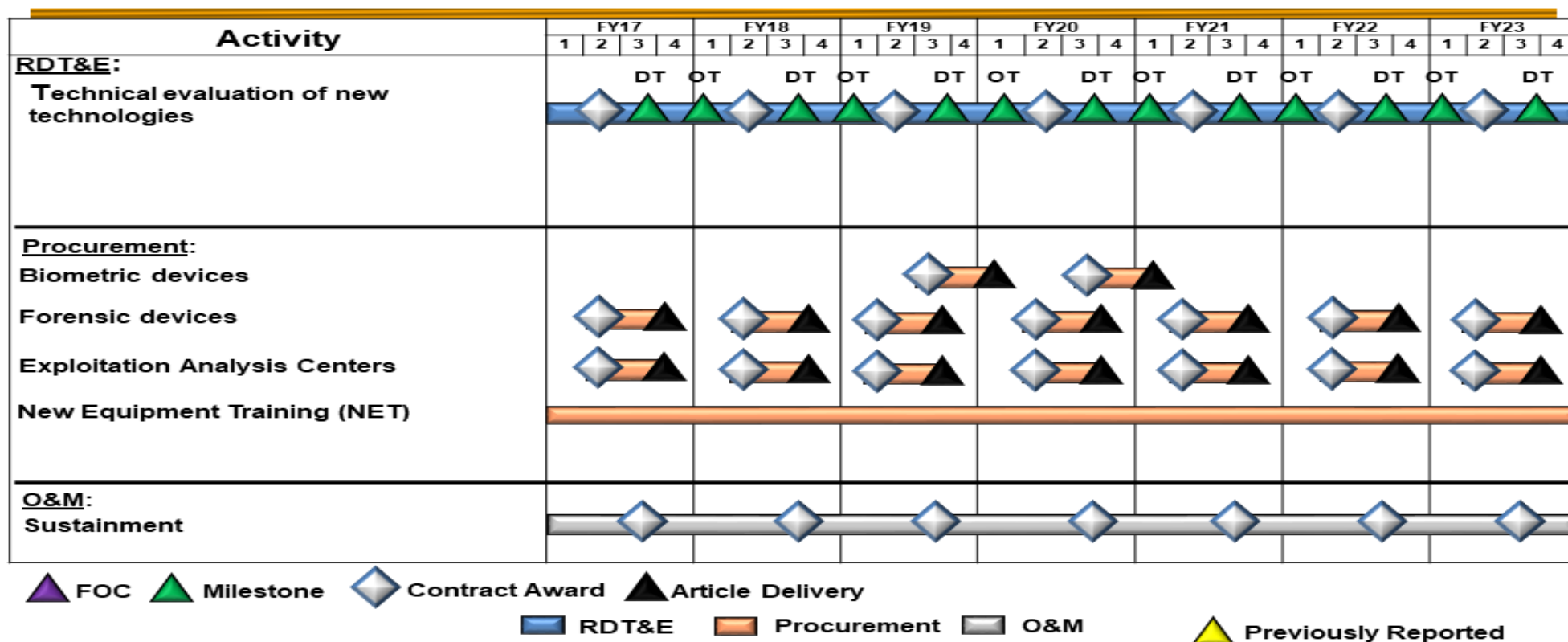| **Exhibit R-4**, **RDT&E Schedule Profile:** PB 2019 United States Special Operations Command		**Date:** February 2018
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 1160405BB *I Intelligence Systems Development*	**Project (Number/Name)** S400 *I SO Intelligence Systems*

Exhibit R-4, RDT&E Schedule Profile: PB 2019 United States Special Operations Command		Date: February 2018
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 1160405BB / *Intelligence Systems Development*	**Project (Number/Name)** S400 / *SO Intelligence Systems*

Sensitive Site Exploitation Schedule

Exhibit R-4A, **RDT&E Schedule Details:** PB 2019 United States Special Operations Command		**Date:** February 2018
Appropriation/Budget Activity 0400 *I* 7	**R-1 Program Element (Number/Name)** PE 1160405BB *I Intelligence Systems Development*	**Project (Number/Name)** S400 *I SO Intelligence Systems*

Schedule Details

Events by Sub Project	Start		End	
	Quarter	**Year**	**Quarter**	**Year**
National Systems Support to SOF Participation in Space Technology Development and Integration				
National System Support to SOF Participation in Space Technology Development and Integration	2	2017	4	2021
Joint Threat Warning System				
Air Variant Development, Test and Evaluation	2	2017	4	2023
Ground Sigint Kit Variant Development, Test and Evaluation	2	2017	4	2023
Maritime Variant Development, Test and Evaluation	4	2017	4	2023
Hostile Forces - Tagging, Tracking, and Locating				
Product Develpoment	2	2017	4	2021
Device Integration and Operational Testing	3	2017	4	2021
Special Operations Tactical Video System				
System Integration and Operational Testing	3	2017	4	2021
Special Operations Forces Planning, Rehearsal & Execution Preparation				
Operational Test and Evaluation	2	2017	4	2023
Integrated Survey Program				
Product Development	2	2017	4	2023
Sensitive Site Exploitation				
System Integration and Operational Testing	1	2017	4	2023