

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)

DATE **February 2003**

BUDGET ACTIVITY
07 - Operational System Development

PE NUMBER AND TITLE
0101313F STRAT WAR PLANNING SYS -
USSTRATCOM

PROJECT
5059

COST (\$ in Thousands)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Cost to Complete	Total Cost
	Actual	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate		
5059 Strategic War Planning System (SWPS)	0	1,842	1,748	1,652	1,556	1,716	1,679	1,461	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0	0

(U) A. Mission Description

The mission of USSTRATCOM is to establish and provide full-spectrum global strike, coordinated space and information operations capabilities to meet both deterrent and decisive national security objectives, and to provide operational space support, integrated missile defense, global Command Control Communications and Computers Intelligence Surveillance and Reconnaissance (C4ISR) and specialized planning expertise to the joint warfighter. To fulfill these missions, the Strategic War Planning System (SWPS) must be capable of both deliberate and adaptive planning employing the full spectrum of kinetic and non-kinetic weapons. The planning system will continue to evolve as weapon systems are matured, new systems are developed and the threat changes, particularly in the area of worldwide proliferation of Weapons of Mass Destruction (WMD). SWPS infrastructure capabilities develop, verify, and produce Operational Plan (OPLAN) 8044, Theater Support Planning Documents, and new Unified Command Plan (UCP) tasks and related products. SWPS includes automatic data processing equipment (ADPE), software, facilities support, manpower, and training to support the mission objectives of the SWPS, associated deployable and distributed data processing nodes, and subsidiary systems.

(U) <u>FY 2002 (\$ in Thousands)</u>	Accomplishments/Planned Program	\$0
(U) \$0	No Activity	\$0
(U) \$0	Total	\$0
(U) <u>FY 2003 (\$ in Thousands)</u>	Accomplishments/Planned Program	\$0
(U) \$0	Begin modernizing, integrating, and testing SWPS planning tools	\$1,842
(U) \$1,842	Total	\$1,842
(U) <u>FY 2004 (\$ in Thousands)</u>	Accomplishments/Planned Program	\$0
(U) \$0	Continue modernizing, integrating, and testing SWPS planning tools.	\$1,748
(U) \$1,748	Total	\$1,748
(U) \$1,748	Total	\$1,748
Project 5059		

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(U) E. Acquisition Strategy

The SWPS ORD requirements to support increased theater requirements will be executed using current contract vehicles at USSTRATCOM. This saves time, money, and streamlines the overall program execution. USSTRATCOM has acquisition contracts in place and within scope to provide required development support for this subsystem. SWPS encompasses software maintenance and hardware maintenance in open systems architecture in a competitive environment. Based on existing and planned workloads for these contracts, USSTRATCOM will prioritize and allocate work, and provide contractual direction to proceed consistent with available funding for each contractor.

This effort is a key piece supporting the overall SWPS Modernization effort which includes new contracts to begin transforming the current strategic planning system to meet Nuclear Posture Review, Defense Planning Guidance (DPG) and recent Unified Command Plan (UCP) objectives. The overall SWPS Modernization efforts will deliver an extensible, scalable, flexible and Global Information Grid (GIG) compliant architecture and the proposed program plan to develop, integrate, produce and implement an evolutionary acquisition plan that includes spirals. Additionally the plan will also include associated processes, methods, tools and infrastructure the use of which ensures the cost-effective transformation of SWPS. The RDT&E effort shall support the Program objective that New SWPS will not be a simple analytical continuation of the current SWPS; that SWPS will evolve to incrementally give the Government the best value strategic planning system to meet the evolving USSTRATCOM missions and the OSD Strategic Capability Modernization (SCM) vision.

The major contractors for the SWPS projects listed below may be used to achieve the acquisition objective:

- British Aerospace Engineering (BAE) for Air Vehicle application tools
- Northrup Grumman for the Automated, Quality Review and Analysis Software Support SAIC for Targeting IPT tool support
- TRW for Missile application tools and USSTRATCOM Information Technology Support
- Lockheed Martin Mission Systems provides analysis model support, hardware maintenance, and systems engineering
- MITRE provides systems architecture and systems engineering support

Theater modifications will be made to comply with the final Nuclear Posture Review study.

(U) F. Schedule Profile

FY 2002

FY 2003

FY 2004

Project 5059

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Exhibit R-2 (PE 0101313F)

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(U) F. Schedule Profile Continued

	FY 2002	FY 2003	FY 2004
(U) 1 Air Vehicle Planning Software Modifications initiation/completion	2	3	4
(U) 2 Missile Graphics Planning System Modifications initiation	1	2	3
(U) 3 Targeting Applications Model Modifications initiation	4	1	2
(U) * indicates task completion/X indicates scheduled task			X

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