

**National Security Agency  
Military Construction, Defense-Wide  
FY 2007 Budget Estimates  
(\$ in Thousands)**

<b><u>State/Installation/Project</u></b>	<b><u>Authorization Request</u></b>	<b><u>Approp. Request</u></b>	<b><u>New/ Current Mission</u></b>	<b><u>Page No.</u></b>
<b>Georgia</b>				
Augusta				
Georgia Regional Security Ops Center	340,836	107,118	C	142
<b>Hawaii</b>				
Kunia				
Hawaii Regional Security Ops Center	-	47,016	C	147
<b>Maryland</b>				
Ft. Meade				
Classified Matrial Conversion Inc II	-	11,151	C	154
Headquarters Utility Upgrade	4,517	4,517	C	157
<b>United Kingdom</b>				
Menwith Hill Station				
Ops/Tech Building Inc II	1,398	46,386	C	160
<b>Total</b>	<b>346,751</b>	<b>216,188</b>		

<b>1. COMPONENT NSA/CSS DEFENSE</b>		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>						<b>2. DATE February 2006</b>				
<b>3. INSTALLATION AND LOCATION FORT GORDON, GEORGIA</b>			<b>4. COMMAND NSA/CSS</b>				<b>5. AREA CONSTRUCTION COST INDEX 0.84</b>					
<b>6. PERSONNEL STRENGTH</b>		<b>PERMANENT</b>			<b>STUDENTS</b>			<b>SUPPORTED</b>			<b>TOTAL</b>	
Army Installation		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
a. AS OF					CLASS	IFIED						
b. END FY												
<b>7. INVENTORY DATA (\$000)</b>												
A. TOTAL ACREAGE												
B. INVENTORY TOTAL AS OF												
C. AUTHORIZED NOT YET IN INVENTORY											0	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM											340,836	
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM											0	
F. PLANNED IN NEXT THREE YEARS											0	
G. REMAINING DEFICIENCY											0	
H. GRAND TOTAL											340,836	
<b>8. PROJECTS REQUESTED IN THIS PROGRAM:</b>												
<u>CATEGORY</u>	<u>PROJECT</u>	<u>PROJECT TITLE</u>					<u>COST</u>	<u>DESIGN</u>	<u>STATUS</u>			
<u>CODE</u>	<u>NUMBER</u>						<u>(\$000)</u>	<u>START</u>	<u>COMPLETE</u>			
141	50080	Georgia Regional Security Operations Center (FY07) (2 <sup>nd</sup> Increment) (NSA/CSS Georgia)					107,118	Jan 06	Mar 09			
<b>9. FUTURE PROJECTS:</b>												
a. INCLUDED IN FOLLOWING PROGRAM												
<u>CATEGORY</u>	<u>PROJECT TITLE</u>					<u>COST</u>						
<u>CODE</u>						<u>(\$000)</u>						
141	Georgia Regional Security Operations Center (FY08) (3rd Increment) (NSA/CSS Georgia)					100,000						
b. PLANNED IN NEXT THREE YEARS												
<u>CATEGORY</u>	<u>PROJECT TITLE</u>					<u>COST</u>						
<u>CODE</u>						<u>(\$000)</u>						
141	Georgia Regional Security Operations Center (FY09) (4th Increment) (NSA/CSS Georgia)					86,550						
<b>10. MISSION OR MAJOR FUNCTION</b>												
Agency activities are classified.												
<b>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</b>												
A. AIR POLLUTION											0	
B. WATER POLLUTION											0	
C. OCCUPATIONAL SAFETY AND HEALTH											0	
Point of Contact: David N. Hale, (240) 373-2014												

<b>1. Component</b> NSA/CSS DEFENSE		<b>FY 2007 MILITARY CONSTRUCTION PROJECT DATA</b>			<b>2. Date</b> February 2006			
<b>3. Installation and Location</b> FORT GORDON, GEORGIA				<b>4. Project Title</b> Georgia Regional Security Operations Center (NSA/CSS Georgia)				
<b>5. Program Element</b> 0301011G		<b>6. Category Code</b> 141	<b>7. Project Number</b> 50080		<b>8. Project Cost (\$000)</b> \$340,836 Authorized FY07 \$340,836 Appropriate FY 07 \$107,118			
<b>9. COST ESTIMATES</b>								
Item					U/M	Quantity	Unit Cost	Cost (\$000)
PRIMARY FACILITY								243,203
Security Operations Center (SCIF)					SF	470,799	436.57	(205,538)
Visitor Control Center					SF	3,298	214.93	(709)
Vehicle Inspection Building					SF	1,502	214.93	(323)
Loading Dock					SF	1,500	214.93	(322)
Standby Generator					KW	20,000	623.91	(12,478)
Batteries					KW	15,000	433.94	(6,509)
Antiterrorism/Force Protection					LS	--		(1,464)
Building Information Systems (Inside 5' Line)					LS	--		(5,873)
Warehouse Building					SF	24,000	214.93	(5,158)
Total from Continuation page								(4,829)
SUPPORTING FACILITIES						--		64,685
Electric Service					LS	--		(23,437)
Water, Sewer, Gas					LS	--		(1,686)
Steam And/Or Chilled Water Distribution					LS	--		(1,330)
Paving, Walks, Curbs And Gutters					LS	--		(8,167)
Storm Drainage					LS	--		(3,283)
Site Improvements, Demolition					LS	--		(5,029)
Information Systems (Outside 5' line)					LS	--		(4,000)
Antiterrorism/Force Protection					LS	--		(2,372)
Site Improvements for Temporary Modular Offices					LS	--		(5,727)
Site Improvements for Battle Lab Relocation					LS	--		(1,654)
Modular Facilities					LS	--		(8,000)
ESTIMATED CONTRACT COST								
SUBTOTAL								307,888
CONTINGENCY PERCENT (5.00 %)								15,396
SUPERVISION, INSPECTION & OVERHEAD (5.70%)								17,552
TOTAL REQUEST								340,836
TOTAL REQUEST (ROUNDED)								340,836
TOTAL FY07 Increment								107,118
INSTALLED EQT-OTHER APPROPRIATIONS								97,400
<p><b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b> This is an incrementally funded project to construct a new, replacement facility within a fenced, limited access complex to accommodate current mission and validated mission growth. The new facility will be approximately 470,799 SF of Sensitive Compartmented Information Facility (SCIF) space and will include a detached 600SF shredder facility. Supporting facilities include utilities, electrical service, exterior and security lighting, fire protection and alarm system, paving, walks, curbs and gutters, parking and access roads, security fencing and gates, storm drainage, information systems, and site improvements. Self contained heating and air conditioning systems with redundancy; commercial power and back-up generation capability will be provided. On-site dining facilities, secure auditorium/conference facility, controlled employee and visitor parking, fencing and guard post entry point will be provided. Access for the handicapped will be provided. Comprehensive building and furnishings related interior design services will also be provided. Relocation and reconstruction of an existing US Army "Battle Lab" facility is also provided for in this project. Air Conditioning (estimated 4000 tons).</p> <p><b>11. REQUIRED:</b> 501,699 SF ADQT: None SUBSTD: 220,602  <b>PROJECT:</b> Construct a consolidated operations and support complex for intelligence activities.  <b>REQUIREMENT:</b> This project is required to provide 365-days/year – 24-hour/day operational and support space for personnel and systems that support intelligence collection and production mission of new facility. The facility will house jointly manned intelligence production assets, National Technical Interface resources, and accommodate high performance data processing systems and intelligence dissemination and communications systems. The building will include appropriate conference rooms, visitor work center, on site dining facilities, controlled shipping, receiving, and storage areas. The building will have redundant power and HVAC systems sufficient to support the mission as well as significant backup systems to ensure continuous and reliable operations. The building must be able to support SCIF operations and classified training. Design and construction must incorporate force protection measures and security considerations, to include layout of parking lots, access roads and perimeter fences.</p>								

<b>1. Component</b> NSA/CSS DEFENSE		<b>FY 2007 MILITARY CONSTRUCTION PROJECT DATA</b>			<b>2. Date</b> February 2006	
<b>3. Installation and Location</b> FORT GORDON, GEORGIA				<b>4. Project Title</b> Georgia Regional Security Operations Center (NSA/CSS Georgia)		
<b>5. Program Element</b> 0301011G		<b>6. Category Code</b> 141	<b>7. Project Number</b> 50080		<b>8. Project Cost (\$000)</b> \$340,836 Authorized FY07 \$340,836 Appropriate FY 07 \$107,118	
<b>9. COST ESTIMATES (CONTINUED)</b>						
UNIT COST						
Item		U/M	QTY	COST (\$000)		
PRIMARY FACILITY (CONTINUED)						
Shredder Building		SF	600	214.93	(129)	
Battle Lab Relocation		LS	--	--	(4,700)	
<p>CURRENT SITUATION: The Georgia Regional Security Operations Center (NSA/CSS Georgia) is a multi-service operation hosted by the U.S. Army INSCOM 116th MI Group as a tenant unit at Fort Gordon, Georgia, home of the U.S. Army Signal Center and School. NSA/CSS Georgia is comprised of the 116th MI Group, the U.S. Air Force 31st Intelligence Squadron, Naval Security Group Activity (NSGA), U.S. Marine Corps Company D, Marine Support Battalion, and DA, DOD, and contractor personnel. The personnel strength, which has increased from 1,200 in 1992, is expected to reach approximately 3000 by 2010. Operations from overseas and other locations have been identified to join the NSA/CSS Georgia.</p> <p>NSA/CSS Georgia currently occupies five facilities: 24701, 21720, 21721, 28423, and 28431, geographically separated by up to two miles. None of the facilities meet the minimum standards or requirements for Antiterrorism Force Protection, DOD operation facilities, Americans with Disabilities Act (ADA) or life-safety. Operations are conducted in Building 24701, Back Hall, originally a classroom facility converted to a sensitive compartmented information facility (SCIF) containing 90,920 square feet. The facility has a 50-foot set back from Chamberlain Avenue, which is an unrestricted major thoroughfare with no entry control points other than inside the main entrance. The building spaces are segmented into small classrooms and wide halls, providing inefficient operations while forcing higher than normal costs for cabling and equipment installation. Power requirements for mission operations exceed the current available supply, necessitating costly and inefficient alternative strategies to maintain operations. Current mission systems and operations have already displaced 25 percent of critical mission training and programmed systems and missions are expected to displace another 25 percent within the next 12 to 24 months. The lack of space to prepare new personnel to perform their tasks in support of the war fighter is already degrading mission performance, and the loss of half of the mission training SCIF space will seriously hamper the ability of the operation to provide capable personnel for future support to military operations.</p> <p>Additional Army elements and other services occupy Building 28423, the NSA/CSS Georgia Headquarters (24,100 square feet) and the NSA/CSS Georgia Headquarters Annex, Building 28431 (2,000 square feet); both buildings are converted classroom space. Building 28423 was originally a troop dining facility and Building 28431 was originally the mailroom/dayroom. Both facilities are overcrowded, lack nearby parking spaces, and exacerbate command and control problems, and cause considerable loss of productive time as service members try to conduct administrative and command tasks. Buildings 21720 and 21721, containing 42,255 square feet each, currently house a joint language learning facility, a battalion staff operations area and overflow SCIF space. The facility was originally designed as a troop billeting facility. These two buildings will be returned to the post at the completion of the project. These five buildings together contain a total of 220,602 square feet, which under ideal conditions for administrative facilities would still be inadequate to house the organizations comprising the new facility. In addition to the approximately 2,400 personnel assigned, the facilities must also provide space to other tactical unit personnel working within and complementing the mission. The mission itself requires the dedication of a large amount of space to special equipment. The current RSOC will not be able to accept new mission capability. Utilities are inadequate and often unreliable to support current operations and the separated SCIF facilities in this building stretch management and manpower burdens of the small security force.</p> <p>An Army "Battle Lab" facility currently exists in the proposed footprint and will have to be relocated. As part of this project NSA will relocate and reconstruct this facility. Also, to alleviate the current overcrowded situation, 60,000 SF of modular trailers will be placed at the current operating site. Those modular trailers will require substantial utility and IT infrastructure upgrades that are included in this project.</p>						

<b>1. Component</b> NSA/CSS DEFENSE		<b>FY 2007 MILITARY CONSTRUCTION PROJECT DATA</b>		<b>2. Date</b> February 2006	
<b>3. Installation and Location</b> FORT GORDON, GEORGIA			<b>4. Project Title</b> Georgia Regional Security Operations Center (NSA/CSS Georgia)		
<b>5. Program Element</b> 0301011G	<b>6. Category Code</b> 141	<b>7. Project Number</b> 50080	<b>8. Project Cost (\$000)</b>		
			Authorized FY07	\$340,836	\$340,836
			Appropriate FY 07	\$107,118	\$107,118

IMPACT IF NOT PROVIDED: The existing NSA/CSS Georgia facility was not designed or constructed to be an intelligence center and has already exceeded its practical life. If this project is not provided the current Georgia Regional Security Operations Center (NSA/CSS Georgia) will continue to occupy overcrowded spaces that do not meet the minimum Antiterrorism requirements, DOD operation facilities, Americans with Disabilities Act (ADA) or life-safety standards. Current operations from overseas and other locations have been identified to join the Cryptologic Center. With expanding mission requirements, current available SCIF space exceeds the building capacity. Lack of space to train new personnel to perform their tasks in support of the war fighter is already degrading mission performance. The exposed position of the main operations facility on Fort Gordon leaves the facility at risk to threats from potential adversaries. Utilities are already stretched to their maximum capacity. Maintaining state-of-the-art systems will not be supported without excessively costly utility upgrades. The continuing cycle of displacing personnel for mission systems will continue to degrade command and control as dispersed assets are more widely distributed to other facilities across the post. Current overcrowding will never be alleviated, resulting in further degradation of mission operations with associated risk to life, as mistakes inevitably will occur.

**ADDITIONAL:**

This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. The complete funding profile for this project is (\$000): FY06 – \$47,186; FY07-\$107,118; FY08-\$100,000; FY09-\$86,550. NSA/CSS intends to incorporate FY06 funding for Fort Gordon as the first increment for this project.

/s/ \_\_\_\_\_

Harvey A. Davis, NSA  
Associate Director, I&L

**12. Supplemental Data:**

**A. Estimated Design Data:**

**1. Status**

(a) Date Design Started:	Jan 06
(b) Percent Completed as of January 2005:	0
(c) Date Design Complete:	May 06
(d) Type of Design Contract:	Design/Build

**2. Basis**

(a) Standard or Definitive Design:	No
(b) Date Design was Most Recently Used:	N/A

**3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)**

(a) Production of Plans and Specifications:	5,000
(b) All Other Design Costs:	0
(c) Total:	5,000
(d) Contract:	5,000
(e) In-House:	

4. Contract Award:	Jan 07
5. Construction Start:	Mar 07
6. Construction Completion:	Mar 09

<b>1. Component</b> <b>NSA/CSS DEFENSE</b>	<b>FY 2007 MILITARY CONSTRUCTION PROJECT DATA</b>		<b>2. Date</b> <b>February 2006</b>								
<b>3. Installation and Location</b> <b>FORT GORDON, GEORGIA</b>			<b>4. Project Title</b> <b>Georgia Regional Security Operations Center</b> <b>(NSA/CSS Georgia)</b>								
<b>5. Program Element</b> <b>0301011G</b>	<b>6. Category Code</b> <b>141</b>	<b>7. Project Number</b> <b>50080</b>	<b>8. Project Cost (\$000)</b> \$340,836 Authorized                    \$340,836 Appropriate FY 07        \$107,118 Auth. for Appr.            \$107,118								
<b>B. Equipment associated with this project that will be provided from other appropriations:</b>											
<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;"><u>MAJOR EQUIPMENT</u></td> <td style="text-align: center;"><u>APPROPRIATION</u></td> <td style="text-align: center;"><u>FISCAL YEAR</u></td> <td style="text-align: center;"><u>AMOUNT(\$000)</u></td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;"><u>REQUIRED</u></td> <td></td> </tr> </table>				<u>MAJOR EQUIPMENT</u>	<u>APPROPRIATION</u>	<u>FISCAL YEAR</u>	<u>AMOUNT(\$000)</u>			<u>REQUIRED</u>	
<u>MAJOR EQUIPMENT</u>	<u>APPROPRIATION</u>	<u>FISCAL YEAR</u>	<u>AMOUNT(\$000)</u>								
		<u>REQUIRED</u>									
Command & Control, Communications, Computers And Information (C4I) Systems	O&M or other Non-MILCON	FY07-09	77,400								
Furniture, Storage Equip, Personnel Support Equip and Fittings	O&M or other Non-MILCON	FY09	20,000								

1. COMPONENT NSA/CSS DEFENSE		FY 2007 MILITARY CONSTRUCTION PROGRAM					2. DATE  Feb-06			
3. INSTALLATION AND LOCATION  Naval Security Group Activity, Kunia Wahiawa, Hawaii				4. COMMAND  NSA/CSS			5. AREA CONSTRUCTION COST INDEX  1.67			
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
Tenant of USMC	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF										
b. END FY				CLASS	IFIED					
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE										
B. INVENTORY TOTAL AS OF										
C. AUTHORIZED NOT YET IN INVENTORY										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
0										
0										
0										
0										
0										
0										
*NSA/CSS intends to request \$45, 490 in additional authorization to increase the total authorization to \$350,490M, as reflected on the attached 1391.										
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY	PROJECT	PROJECT TITLE	COST	DESIGN	STATUS					
<u>CODE</u>	<u>NUMBER</u>		<u>(\$000)</u>	<u>START</u>	<u>COMPLETE</u>					
143-80	P-010	Hawaii Regional Security Operations Center (FY 07) (NSA/CSS Hawaii) (4 <sup>th</sup> Increment)	47,016	1/05	08/09					
9. FUTURE PROJECTS:										
a. INCLUDED IN FOLLOWING PROGRAM										
CATEGORY	PROJECT	PROJECT TITLE	COST							
<u>CODE</u>	<u>NUMBER</u>		<u>(\$000)</u>							
143-80	P-010	Hawaii Regional Security Operations Center (FY08) (NSA/CSS Hawaii) (5 <sup>th</sup> Increment)	135,858							
b. PLANNED IN NEXT THREE YEARS										
CATEGORY	PROJECT	PROJECT TITLE	COST							
<u>CODE</u>	<u>NUMBER</u>		<u>(\$000)</u>							
10. MISSION OR MAJOR FUNCTION Agency activities are classified.										

<b>1. Component</b> NSA/CSS		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			<b>2. Date</b> February 2006	
<b>3. Installation and Location / UIC: N43456 Naval Security Group Activity, Kunia Wahiawa, Hawaii</b>				<b>4. Project Title: HAWAII REGIONAL SECURITY OPERATIONS CENTER (NSA/CSS Hawaii) (INCREMENT IV)</b>		
<b>5. Program Element</b> 0301011G		<b>6. Category Code</b> 143-80		<b>7. Project Number</b> P-010	<b>8. Project Cost (\$000)</b> Appr FY07; 47,016	
<b>9. COST ESTIMATES</b>						
<b>ITEM</b>		<b>U/M</b>	<b>QUANTITY</b>	<b>UNIT COST</b>	<b>COST (\$000)</b>	
HAWAII REGIONAL SECURITY OPERATIONS CENTER (INCREMENT IV&V)		M <sup>2</sup>	44,013		226,970	
Operations Center		M <sup>2</sup>	32,415	3,876	(125,641)	
Operational Support Facilities		M <sup>2</sup>	8,757	1,036	(9,072)	
Personnel Support		M <sup>2</sup>	1,904	3,876	(7,380)	
Replacement Facility		M <sup>2</sup>	937	3,435	(3,219)	
Built-in Equipment & Special Construction		LS	--	--	(21,580)	
Information Systems		LS	--	--	(41,000)	
Technical Operating Manuals		LS	--	--	(2,750)	
Anti-Terrorism/Force Protection		LS	--	--	(16,328)	
SUPPORTING FACILITIES		LS			87,343	
Electrical Utilities		LS	--	--	(15,242)	
Mechanical Utilities		LS	--	--	(22,181)	
Paving & Site Improvements		LS	--	--	(39,698)	
Demolition and Relocation		LS	--	--	(1,200)	
Environmental Remediation		LS	--	--	(68)	
Land Acquisition		LS	--	--	(800)	
Anti-Terrorism/Force Protection		LS	--	--	<u>(8,154)</u>	
SUBTOTAL		--	--	--	314,313	
Contingency (5%)		--	--	--	15,716	
TOTAL CONTRACT COST		--	--	--	330,029	
Supervision Inspection & Overhead (6.2%)		--	--	--	20,461	
TOTAL REQUEST		--	--	--	350,490	
TOTAL FY07 INCR IV REQUEST		--	--	--	47,016	
EQUIPMENT FROM OTHER APPROPRIATIONS		--	--	(NON-ADD)	126,995	
COLLATERAL EQUIPMENT		--	--	(NON-ADD)	19,225	
		--	--	--		
Reprogramming						
Guidance Cost Analysis						
Category Code	U/M	Guidance Cost	Guidance Size	Project Scope	Size Factor	Area Cost Factor Adj. Unit Cost
Not applicable as no cost guidance is currently available for this highly specialized and electronics-systems-intensive type of facility. Project cost estimate was developed during a planning charrette.						



1. Component NSA/CSS	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date February 2006
3. Installation and Location / UIC: N43456 Naval Security Group Activity, Kunia Wahiawa, Hawaii			4. Project Title: HAWAII REGIONAL SECURITY OPERATIONS CENTER (NSA/CSS Hawaii) (INCREMENT IV)	
5. Program Element 0301011G	6. Category Code143-80	7. Project Number P-010	8. Project Cost (\$000) Appr FY07; 47,016	

(continued)

10. **DESCRIPTION OF PROPOSED CONSTRUCTION:** An incrementally funded project to construct a new, replacement two-story, steel framed structure on concrete spread footings for Hawaii Cryptologic Center (NSA/CSS HAWAII) at Naval Computer and Telecommunications Area Master Station Pacific (NCTAMS PAC).

The new, replacement facility will house NSA/CSS Hawaii's operational control center (command center, operations and briefing center, intelligence collection, data analysis, and mission planning areas), administrative offices, conference/briefing and video/teleconferencing rooms, and central utility plants. Single story facilities to be constructed include a Base Entry Control Point, Visitor Control Center/Vehicle Control Point, a warehouse, an Antenna Farm Building, classified material shredder, and personnel support spaces. The project will include multiple chillers and electrical generators for back-up capacities, electromagnetic shielded Sensitive Compartmented Information Facilities (SCIF), Variable Air Volume (VAV) systems, Uninterruptible Power Systems (UPS) and raised flooring systems with special fire protection. The project will demolish an existing Circularly Displayed Antenna Array (CDAA) and adjacent buildings and will provide a 10,000 sf replacement facility. Supporting facilities work includes utilities, new commercial and HITS fiber optic node connections, paved parking areas, storm drainage and landscaping.

Project will construct a new base entry control point near the new NSA/CSS HAWAII facility and an off-base access road. Acquire interest in approximately 15.8 hectares (39 acres) of non-federal land for the access road, road improvements and utilities. Project costs include construction of signalization and adjacent roadway improvements on non-federal property for the new access road intersection with Whitmore Avenue, a public roadway. The intersection improvements will be owned by the State of Hawaii. Project costs also include municipal sewerage system charges to support the new NSA/CSS HAWAII facility. This project will pay for water supplier and sewer connection charges.

The NSA/CSS Hawaii facility site is located within the security perimeter of NCTAMS PAC. Project scope will meet Unified Facilities Criteria (UFC 4-010-01 8 Oct 03) DOD Minimum Antiterrorism Standards for Buildings. Anti-Terrorism/Force Protection (AT/FP) and physical security project elements include vehicle resistant perimeter fencing at an optimal standoff distance of 91.5 meters (300 feet) from the main operations building, as identified by NSA/CSS HAWAII. The area within the 91.5 meters perimeter AT/FP fence will be designated as an Exclusive Standoff Zone (ESZ). A Visitor Control Center (VCC) will be constructed at the 91.5 meters perimeter fence line and will screen/inspect all individuals and vehicles attempting to enter the ESZ. Other project security elements include intrusion detection systems (IDS), closed circuit television (CCTV), automated access control system, emissions security (shielding), evacuation & mass notification system and special windows and exterior doors for the main operations building. Site specific AT/FP measures include active vehicle barriers (such as retractable barriers).

Sustainable design will be integrated into the design and construction of the project in accordance with Executive Order 13123 and other directives.

11. **REQUIREMENT:** FACILITY PLANNING DATA \*:

Cat Code	Requirement	UM	Adequate	Substandard	Inadequate	Deficiency
143-80 Operations Center	32,415	M <sup>2</sup>	0	23,090	0	32,415
<u>Operational Support</u>						
143-80 Ops Mech/Elec Plant	5,087	M <sup>2</sup>	--	In 143-80 above	--	5,087
143-80 Ops Maint. Shop	465	M <sup>2</sup>	--	In 143-80 above	--	465
143-77 Warehouse	1,874	M <sup>2</sup>	0	1,670	0	1,874
219-10 Fac. Maint. Shop	465	M <sup>2</sup>	0	238	0	465

<b>1. Component NSA/CSS</b>		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>				<b>2. Date February 2006</b>	
<b>3. Installation and Location / UIC: N43456 Naval Security Group Activity, Kunia Wahiawa, Hawaii</b>				<b>4. Project Title: HAWAII REGIONAL SECURITY OPERATIONS CENTER (NSA/CSS Hawaii) (INCREMENT IV)</b>			
<b>5. Program Element NPIP 0301011G</b>		<b>6. Category Code143-80</b>		<b>7. Project Number P-010</b>		<b>8. Project Cost (\$000) Appr FY07; 47,016</b>	

(continued)

Cat Code	Requirement	UM	Adequate	Substandard	Inadequate	Deficiency
<u>Operational Support cont'd</u>						
730-25 Base Entry Control Point	148	M <sup>2</sup>	0	0	0	
730-20 Visitor Control Center	485	M <sup>2</sup>	0	0	0	
131-50 Antenna Farm Building	93	M <sup>2</sup>	0	0	0	
842-15 Potable Water Booster Pump	56	M <sup>2</sup>	0	0	0	
610-30 Incinerator/Shredder	84	M <sup>2</sup>	0	23	0	84
<u>Personnel Support</u>						
550-10 OHESS	275	M <sup>2</sup>	0	0	0	275
740-26 Galley	1,393	M <sup>2</sup>	0	829	0	1,393
740-02 Mini-mart	122	M <sup>2</sup>	0	75	0	122
740-09 Barber Shop	44	M <sup>2</sup>	0	30	0	44
740-47 ITT Office	70	M <sup>2</sup>	0	25	0	70

Assets data provided by NSA/CSS HAWAII.

**SCOPE:**

Project scope was developed using NAVFAC P-80, Facility Planning Criteria for Navy and Marine Corps Shore Installations guidance. Operational requirements and facility requirements were determined by NSA/CSS HAWAII, National Security Agency/Central Security Service (NSA/CSS) Pacific, SPAWARSYSACTPAC, and SPAWARSYSCOM during a two-week project development charrette held in May 2003. This project charrette team determined technical requirements and developed a conceptual site plan to meet projected mission requirements. Additional project requirements were identified by NSA. The projected NSA/CSS HAWAII personnel loading is 2,800 persons.

**PROJECT:**

This project constructs a new replacement, state-of-the-art NSA/CSS HAWAII facility on a site at NCTAMS PAC, located 6 kilometers (4 miles) northeast of the existing NSA/CSS HAWAII facilities complex. (Current Mission and Mission Growth)

**REQUIREMENT:**

NSA/CSS HAWAII requires adequate operational facilities to meet its intelligence, data gathering and analysis mission. National security and the predictive worldwide intelligence to defend our homeland are two of the nation's highest priorities. In addition to being a key element of our national security and intelligence apparatus, NSA/CSS HAWAII focuses on priority intelligence requirements of U.S. Pacific Command (USPACOM), Central Command (CENTCOM), Special Operations Command, Pacific (SOCPAC), and others in support of U.S. interests. NSA/CSS HAWAII interacts with both regional and national intelligence centers/agencies. Over 2,100 NSA/CSS HAWAII personnel presently work in the existing underground facility to provide around-the-clock intelligence collection and reporting, 365 days a year. The command's mission and its sophisticated electronics systems support require robust air conditioning, electrical, and communications systems, as well as significant backup systems to ensure continuous and reliable operations.

Existing NSA/CSS HAWAII facilities have numerous and significant continuity of operations vulnerabilities and physical plant deficiencies, including force protection inadequacies, safety issues, infrastructure deficiencies, and a lack of usable operational space.

1. Component NSA/CSS	FY 2007 MILITARY CONSTRUCTION PROGRAM		2. Date February 2006
3. Installation and Location / UIC: N43456 Naval Security Group Activity, Kunia Wahiawa, Hawaii		4. Project Title: HAWAII REGIONAL SECURITY OPERATIONS CENTER (NSA/CSS Hawaii) (INCREMENT IV)	
5. Program Element 0301011G	6. Category Code 143-80	7. Project Number P-010	8. Project Cost (\$000) Appr FY07; 47,016

*(continued)*

An improved operational connectivity with the Joint Intelligence Center Pacific (JICPAC) is also required to maximize the efficiencies and fiscal effectiveness of Pacific intelligence operations. JICPAC is presently located in Makalapa Crater facilities approximately 32 kilometers (20 miles) southeast of Kunia. This project will provide increased operational synergies with "virtual integration" between the new NSA/CSS HAWAII facilities and JICPAC. Non-located NSA/CSS HAWAII and JICPAC operators will be allowed real-time collaboration via virtual integration. Virtual integration will allow sharing of data and information, including video conferencing, imagery exchange, videotext streaming and other high bandwidth data.

CURRENT SITUATION:

NSA/CSS HAWAII is presently housed in an underground facility located at Kunia, Oahu. The underground facility, built between 1942 and 1944, was originally intended as an aircraft assembly plant. The building was not designed or constructed to be an intelligence center and has already exceeded its practical life. Portions of the interior have been renovated over the years; however, the overall structure and supporting utilities plant/equipment are antiquated (much of the original equipment is still in operation). Facility space is inefficient and does not provide enough useable operational space. Extensive facility repairs, modernization, and expansion will be required to adequately serve NSA/CSS HAWAII beyond the next five years.

The quality of life for the over 2,100 personnel who work at NSA/CSS HAWAII is already degraded by working in the deteriorated and substandard underground facility. Safety issues exacerbate the working conditions and include inadequate ingress/egress. The NSA/CSS HAWAII complex is also constrained by operational restrictions of the nearby Wheeler Army Airfield. The warehouse and parking facilities are operating in the airfield's Clear Zone, which has the greatest potential for occurrence of an aircraft accident.

IMPACT IF NOT PROVIDED:

The existing NSA/CSS HAWAII underground facility was not designed or constructed to be an intelligence center and has already exceeded its practical life.

Without this project, maintenance and repairs are expected to significantly increase as facility systems break down and need to be replaced or upgraded. NSA/CSS HAWAII will continue to operate from the substandard underground building and must bear the burdens of maintaining and operating the over 60-year-old facility with inherent facility constraints, operational vulnerabilities, space limitations, and hazards in an attempt to maintain continuous operations and personnel safety. Modernization and renovation efforts to the existing facility will be costly, and duplication of functions and equipment will be required to minimize risks of disrupting vital operations during construction/repairs.

The operational and economic disadvantages of not providing the proposed project are further compounded by issues associated with the site's long-term land use compatibility and facility development restrictions of remaining within airfield safety and hazard zones of the nearby Wheeler Army Airfield runway. NSA/CSS HAWAII personnel will continue to work in substandard facilities.

/s/ \_\_\_\_\_  
Harvey A. Davis, NSA  
Associate Director, I&L

1. Component NSA/CSS	FY 2007 MILITARY CONSTRUCTION PROGRAM		2. Date February 2006
3. Installation and Location / UIC: N43456 Naval Security Group Activity, Kunia Wahiawa, Hawaii		4. Project Title: HAWAII REGIONAL SECURITY OPERATIONS CENTER (NSA/CSS Hawaii) (INCREMENT IV)	
5. Program Element 0301011G	6. Category Code 143-80	7. Project Number P-010	8. Project Cost (\$000) Appr FY07; 47,016

(continued)

**12. Supplemental Data:**

A. Estimated Design Data:

1. Status

- (a) Date Design Started: Jan 05
- (b) Percent Completed as of January 2005: 5
- (c) Date Design Complete: Jun 06
- (d) Type of Design Contract: Design/Bid/Build

2. Basis

- (a) Standard or Definitive Design: No
- (b) Date Design was Most Recently Used: N/A

3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)

- (a) Production of Plans and Specifications 10,000
- (b) All Other Design Costs 13,000
- (c) Total 23,000
- (d) Contract 23,000
- (e) In-House 0

4. Contract Award Sep 06

5. Construction Start Jan 07

6. Construction Completion Aug 09

1. COMPONENT NSA/CSS DEFENSE	FY 2007 MILITARY CONSTRUCTION PROGRAM							2. DATE  February 2006			
3. INSTALLATION AND LOCATIONS Fort George G. Meade, Maryland				4. COMMAND  NSA/CSS				5. AREA CONSTRUCTION COST INDEX  1.02			
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL	
Tenant of USAF	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
A. AS OF											
B. END FY				CLASS	IFIED						
7. INVENTORY DATA (\$000)											
A. TOTAL ACREAGE										628.6	
B. INVENTORY TOTAL AS OF Aug 1999										1,831,998	
C. AUTHORIZED NOT YET IN INVENTORY										280,622	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM										4,517	
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										3,901	
F. PLANNED IN NEXT THREE YEARS										251,493	
G. REMAINING DEFICIENCY										820,393	
H. GRAND TOTAL										3,192,924	
8. PROJECTS REQUESTED IN THIS PROGRAM:											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE				COST (\$000)	DESIGN START	STATUS COMPLETE			
833	11800	Classified Materiel Conversion Facility (2 <sup>nd</sup> Increment)				11,151	03/06	06/09			
812	11833	NSAW Utility Upgrades – Phase I (NSAW SCADA upgrades)				4,517	03/06	10/08			
9. FUTURE PROJECTS:											
a. INCLUDED IN FOLLOWING PROGRAM											
CATEGORY CODE	PROJECT TITLE				COST (\$000)						
812	11833	NSAW Utility Upgrades- Phase 2 (FY08)				3,901					
b. PLANNED IN NEXT THREE YEARS											
CATEGORY CODE	PROJECT TITLE				COST (\$000)						
141	HQ Build Recapitalization (FY10)				144,554						
833	11800	Recapitalize CMC Area (FY10)				5,647					
812	11833	NSAW Utility Upgrades- Phase 3 (FY11)				15,631					
141	HQ Building Recapitalization (FY11)				77,170						
610	10563	NSAW PSAT Assessment (FY11)				8,491					
10. MISSION OR MAJOR FUNCTION											
Agency activities are classified.											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:											
A. AIR POLLUTION							0				
B. WATER POLLUTION							0				
C. OCCUPATIONAL SAFETY AND HEALTH							0				
Point of Contact: David N. Hale, (240) 373-2014											
DD Form 1390, DEC 76				PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED							

1. Component NSA/CSS Defense	<b>FY 2007 MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE <b>February 2006</b>	
3. INSTALLATION AND LOCATION <b>NSA, Fort George G. Meade, Maryland</b>			4. PROJECT TITLE <b>Classified Materiel Conversion Facility Increment 2</b>		
5 PROGRAM ELEMENT <b>0301011G</b>	6. CATEGORY CODE <b>833</b>	7. PROJECT NUMBER <b>11800</b>	8. PROJECT COST (\$000) <b>Appr FY07 11,151</b>		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					14,300
Industrial Building		SF	40,000	150	(6,300)
Process Equipment		LS			(8,000)
<u>SUPPORTING FACILITIES</u>					8,389
Site Improvements		LS			(2,289)
Utility Modifications		LS			(3,200)
AWCS Modifications		LS			(2,900)
ESTIMATED CONTRACT COST					22,689
CONTINGENCY PERCENT (5.00%)					<u>1,134</u>
SUBTOTAL					23,823
SUPV, INSP, & OVERHEAD (5.70%)					<u>1,358</u>
TOTAL REQUEST					25,181
TOTAL REQUEST (ROUNDED)					25,181
TOTAL FY07 REQUEST					11,151
INSTALLED EQUIPMENT – OTHER APPROPRIATIONS					12,030
10. DESCRIPTION OF PROPOSED CONSTRUCTION: This is an incrementally funded project to construct a new, replacement, high-bay industrial declassification facility to house the process equipment, warehouse space for storage of classified material, supporting offices, and administrative space. This includes providing new process and support equipment for the paper destruction operations, silver recovery process, circuit board destruction, and computer chip reduction operations to include duct modifications to the Automatic Waste Collection System (AWCS) and provide new AWCS turbines. The silver recovery process equipment replacement will involve completely rebuilding (1) one of the two existing reclamation furnaces and relocate from the existing CMC to the new facility. This will include all necessary enhancements to bring the furnace up to current performance, ergonomic, and environmental standards. The high bay will incorporate a sealed concrete slab on grade, steel frame structure with insulated metal panel exterior walls. Perimeter and interior walls should be CMU to a height of 8 to 10 feet to resist damage. There will be overhead doors to provide loading dock access to the facility and for the paper pulping operation space for a compactor truck to be brought into the structure. The roof construction will be steel frame, sloped for drainage with metal deck, insulation and membrane roof. The personnel support space will be two levels with the first level aligning with the high-bay floor. Support spaces include restrooms, break room, locker room, office and workspace, and general building storage on the first level. Walls adjoining the high bay space will be CMU with interior partition of metal stud and drywall construction. The structure will be concrete slab on grade, steel framing with metal deck and concrete second floor and steel framed roof. The exterior skin can be either insulated metal panels or masonry veneer.					

1. Component NSA/CSS Defense	<b>FY 2007 MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE February 2006
3. INSTALLATION AND LOCATION <b>NSA, Fort George G. Meade, Maryland</b>		4. PROJECT TITLE: <b>Classified Materiel Conversion Facility Increment 2</b>		
5. PROGRAM ELEMENT <b>0301011G</b>	6. CATEGORY CODE <b>833</b>	7. PROJECT NUMBER <b>11800</b>	8. PROJECT COST (\$000) <b>Appr FY07 11,151</b>	
<p>Partitions on the second floor will be metal stud and drywall. There will be an elevator and a minimum of two stairs providing access to the second level. Finishes in the office and break room to be carpet flooring, painted walls, and acoustic panel ceilings. Restrooms will have ceramic tile floors and walls and painted drywall ceilings. The remaining support spaces to be painted walls with VCT or sealed concrete floors and acoustic panel ceilings. Supporting facilities shall include all construction outside the perimeter consisting of extending power, communications, steam, natural gas, domestic water, lighting, erosion control, sanitary and storm drainage, security fencing, gates, and parking.</p> <p>11. <u>REQ</u>: 40,000 SF      Adequate: None      Substandard: 30,000 SF</p> <p><u>PROJECT</u>: Construct a 40,000 SF industrial declassification facility at NSA, Fort Meade, Md. (Current Mission).</p> <p><u>REQUIREMENT</u>: These facilities provide declassification and destruction support to approximately 2000 Intelligence Community partners, DOD agencies, and their subcontractors. The NSA is mandated and charged as the DOD agency responsible for destroying all COMSEC chips and circuit boards, to include destruction of Special Government Design (SGD) material. Contract alternatives have been explored as a means to provide continuity of operations support, but the high cost of certifying a contract facility has made this impractical for these processes.</p> <p><u>CURRENT SITUATION</u>: There are four declassification processes that these facilities support; paper, film, IC chips and circuit boards that are currently housed in two separate buildings. The current deteriorating state of the facilities and equipment have resulted in operational downtimes in excess of 50%, resulting in the inability to provide timely declassification support to the DoD and Intelligence Community partners. Due to the classification of the material destroyed, the only alternative that can be utilized when a particular process is down is for customers to hold their material until such time as the process is brought back on line. This results in an increased security and risk for customers who do not have adequate SCIF or storage capabilities increasing the risk of a compromise. The destruction/declassification processes are currently functioning at approximately 50% operating capacity. The paper pulping, chip pulverization and circuit board destruction processes have no redundancy equipment, a breakdown results in a process shutdown until it can be repaired and restored. This is occurring due to the age of the equipment, which has seen no major replacement or renovation on 25-year-old equipment.</p> <p><u>IMPACT IF NOT PROVIDED</u>: The impact of not funding this project will be the loss of being able to properly destroy classified material that is generated by the Intelligence Community and DoD partners. This could result in organizations improperly destroying the material themselves, which could result in a compromise of classified material.</p> <p><u>ADDITIONAL</u>: Construction materials are compliant with anti-terrorism/force protection standards. Alternate methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. A parametric cost estimate based on project engineering design was used to develop this budget estimate.</p> <p>/s/ _____ Harvey A. Davis, NSA Associate Director, I&amp;L</p>				







1. Component NSA/CSS Defense	<b>FY 2007 MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE  <b>February 2006</b>
3. INSTALLATION AND LOCATION <b>NSA, Fort George G. Meade, Maryland</b>		4. PROJECT TITLE <b>NSAW Headquarters Utilities Upgrades – Phase I (NSAW SCADA Upgrades)</b>		
5. PROGRAM ELEMENT <b>0301011G</b>	6. CATEGORY CODE <b>812</b>	7. PROJECT NUMBER <b>11833</b>	8. PROJECT COST (\$000) <b>4,517</b>	

PROJECT: This SCADA improvement project includes the upgrade of existing SCADA system servers, workstations and associated software as well as the extension of the SCADA system to medium-voltage switches, substation breakers and generators.

REQUIREMENT:

This project is required to more effectively control and monitor the NSAW campus facility power distribution system. The SCADA system monitors and controls the power system of the facility and enables the facility engineers to quickly address power system disturbances, thus minimizing the detrimental effects on the facility's critical missions.

CURRENT SITUATION:

The current SCADA system is limited in its ability to fulfill the SCADA requirement of the facility. Due to budget constraint and other development in the fight against terrorism, the current SCADA system was never fully implemented and tested. The architecture of the existing front-end system is aging and difficult to interface and communicate with new advanced meters and sensors.

IMPACT IF NOT PROVIDED:

If this project is not provided, the facility will not be able to monitor and control power distribution system effectively, including transferring and maintaining critical mission loads online, start and stop on-site generation plants under adverse or combative conditions. Without the upgrade of the front-end SCADA and the extension of SCADA capabilities, the facility may experience difficulties in meeting its power requirement to support critical war fighting missions.

ADDITIONAL:

Alternate methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. A parametric cost estimate based on project engineering design was used to develop this budget estimate.

/s/ \_\_\_\_\_  
Harvey A. Davis, NSA  
Associate Director, I&L

1. Component NSA/CSS Defense	<b>FY 2007 MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE  <b>February 2006</b>
3. INSTALLATION AND LOCATION <b>NSA, Fort George G. Meade, Maryland</b>		4. PROJECT TITLE <b>NSAW Headquarters Utilities Upgrades – Phase I (NSAW SCADA Upgrades)</b>		
5. PROGRAM ELEMENT <b>0301011G</b>	6. CATEGORY CODE <b>812</b>	7. PROJECT NUMBER <b>11833</b>	8. PROJECT COST (\$000) <b>4,517</b>	
<u>12. SUPPLEMENTAL DATA</u>				
A. Estimated Design Data				
1. Status				
a. Date Design Started		<u>MAR 2006</u>		
b. Percent Completed as of January 1, 2006 ( <i>Budget Year</i> )		<u>0%</u>		
c. Date 35 % Design Completed		<u>MAY 2006</u>		
d. Date Design Completed		<u>SEP 2006</u>		
e. Type of Design Contract		<u>Design-Bid-Build</u>		
2. BASIS				
a. Standard or Definite Design		Yes	No	
		<u>      </u>	<u>  X  </u>	
b. Where Design Was Most Recently Used		<u>      N/A      </u>		
3. COST (\$000) = c + a + b = d + e		<u>      400      </u>		
a. Production of Plans and Specifications		<u>      230      </u>		
b. All Other Design Costs		<u>      170      </u>		
c. Total		<u>      400      </u>		
d. Contract		<u>      400      </u>		
e. In-house		<u>          0      </u>		
4. CONSTRUCTION CONTRACT AWARD		JAN 2007		
5. CONSTRUCTION START		APR 2007		
6. CONSTRUCTION COMPLETE		OCT 2008		
B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:				
<u>Equipment</u> Nomenclature	<u>Procuring</u> Appropriation	<u>Fiscal Year</u> Appropriated or Requested	<u>Cost</u> (\$000)	
N/A				
Point of Contact: K. Spice, 240-373-2024				

<b>1. COMPONENT NSA/CSS DEFENSE</b>		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>					<b>2. DATE February 2006</b>			
<b>3. INSTALLATION AND LOCATION MENWITH HILL STATION, HARROGATE, UK</b>			<b>4. COMMAND NSA/CSS</b>				<b>5. AREA CONSTRUCTION COST INDEX 1.20</b>			
<b>6. PERSONNEL STRENGTH</b>		<b>PERMANENT</b>			<b>STUDENTS</b>			<b>SUPPORTED</b>		<b>TOTAL</b>
Tenant of USMC		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV
a. AS OF					CLASS	IFIED				
b. END FY										
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE										
B. INVENTORY TOTAL AS OF										
C. AUTHORIZED NOT YET IN INVENTORY										86,685
D. AUTHORIZATION REQUESTED IN THIS PROGRAM										0
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										1,398
F. PLANNED IN NEXT THREE YEARS										0
G. REMAINING DEFICIENCY										0
H. GRAND TOTAL										88,083
<b>8. PROJECTS REQUESTED IN THIS PROGRAM:</b>										
<u>CATEGORY</u>	<u>PROJECT</u>	<u>PROJECT TITLE</u>				<u>COST</u>	<u>DESIGN</u>	<u>STATUS</u>		
<u>CODE</u>	<u>NUMBER</u>					<u>(\$000)</u>	<u>START</u>	<u>COMPLETE</u>		
141-62	4712	Operations Facility, Replacement for Bldg 36 (2 <sup>nd</sup> increment)				46,386	04/05	05/07		
<b>9. FUTURE PROJECTS:</b>										
a. INCLUDED IN FOLLOWING PROGRAM										
<u>CATEGORY</u>	<u>PROJECT TITLE</u>				<u>COST</u>					
<u>CODE</u>					<u>(\$000)</u>					
b. PLANNED IN NEXT THREE YEARS										
<u>CATEGORY</u>	<u>PROJECT TITLE</u>				<u>COST</u>					
<u>CODE</u>					<u>(\$000)</u>					
None										
<b>10. MISSION OR MAJOR FUNCTION</b>										
Agency activities are classified										
<b>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</b>										
A. AIR POLLUTION					0					
B. WATER POLLUTION					0					
C. OCCUPATIONAL SAFETY AND HEALTH					0					
Point of Contact: David N. Hale, (240) 373-2014										

1. Component NSA/CSS Defense		<b>FY 2007 MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE February 2006	
3. INSTALLATION AND LOCATION <b>Menwith Hill Station, United Kingdom</b>			4. PROJECT TITLE <b>New Operations/ Tech Facility, Replacement for Bldg 36 Increment 2</b>			
5 PROGRAM ELEMENT <b>0301011G</b>		6. CATEGORY CODE <b>141 62</b>	7. PROJECT NUMBER	8. PROJECT COST (\$000) Appr FY07 46,386		
9. COST ESTIMATES						
ITEM		U/ M	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY					62,854	
Operations & Technical Facility		m <sup>2</sup>	10,219	4,135	(43,200)	
Relocate Facility Control Center (FCC)		m <sup>2</sup>	700	2,651	(1,856)	
Entry Control Station (ECS)		m <sup>2</sup>	84	14,357	(1,206)	
Special Foundations		LS	--	--	(854)	
IDS		LS	--	--	(770)	
UPS		EA	5	1,271	(6,353)	
SCADA		LS	--	--	(446)	
AT/FP		LS	--	--	(582)	
Building Information Systems		LS	--	--	(7,587)	
SUPPORTING FACILITIES					20,040	
Electric Service		LS	--	--	(2,043)	
Water, Sewer, Gas		LS	--	--	(560)	
Paving, Walks, Curbs and Gutters		LS	--	--	(295)	
Storm Drainage		LS	--	--	(186)	
Site Improve. (4,387) Demo (612)		LS	--	--	(5,405)	
Information Systems		LS	--	--	(5,095)	
Antiterrorism/Force Protection		EA	--	--	(2,547)	
Transformer Upgrade					(3,909)	
ESTIMATED CONTRACT COST					82,894	
CONTINGENCY PERCENT (4.00%)					<u>3,316</u>	
SUBTOTAL					86,210	
SUPERVISION, INSPECTION, OVERHEAD @ 6%					<u>5,173</u>	
TOTAL REQUEST					91,383	
TOTAL FY07 REQUEST					46,386	
INSTALLED EQT-OTHER APPROPRIATIONS					(28,543)	

1. Component NSA/CSS Defense	<b>FY 2007 MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE <b>February 2006</b>
3. INSTALLATION AND LOCATION <b>Menwith Hill Station, United Kingdom</b>		4. PROJECT TITLE <b>New Operations/Tech Facility, Replacement for Bldg 36 Increment 2</b>		
5 PROGRAM ELEMENT <b>0301011G</b>	6. CATEGORY CODE <b>141 62</b>	7. PROJECT NUMBER	8. PROJECT COST (\$000) Apr FY07 46,386	
<p>10. DESCRIPTION OF PROPOSED CONSTRUCTION: This is an incrementally funded project to construct a new, replacement, 10,219 gross square meter (GSM) or 110,000 square feet Operational Facility Sensitive Compartmented Information Facility (SCIF) through incremental funding over two years. There will be specialized areas including the Facility Control Center (FCC), staging and receiving area, technical library, security control room, phone shop, filter room and material control. and vehicle access gate relocation. The remaining area includes corridors, aisles, plant rooms and bathrooms. The new construction will replace the deteriorating, substandard buildings 36, Portable Cabin 5 (PC5) and other associated buildings that are all targeted for demolition. Project includes mechanical, electrical fire protection, information systems and installation of an intrusion detection system (IDS). Supporting facilities include walks, curbs and gutters, parking, and site improvements. Access for the handicapped will be provided and will comply with Americans with Disabilities Act (ADA), the latest Uniform Building Code (UBC) and the latest National Fire Protection Codes (NFPA). Dual heating and cooling is indicated to support both personnel and equipment including rack storage. Comprehensive interior design services for building, freestanding building related information systems equipment, and system furniture workstations will be required.</p>				
<hr/> <p>11. REQ: 110,000 ADQT: NONE SUBSTD: 70,562</p>				
<p>PROJECT: Construct an Operations Facility in adherence to SCIF standards.</p>				
<p>REQUIREMENT: The construction of a new, replacement OPS SCIF will permit operations to upgrade facilities infrastructure to support systems that are coming on-line. These systems replace aging systems with performance problems to ensure that the continued requirements are met. The new systems have been funded; however current infrastructure lacks the power, HVAC, and most important, the general capability to house people or equipment. Future systems will provide more access to the mission. The replacement of the deteriorating sub-standard building 36, constructed in 1957, and other immediate buildings in the area.</p>				
<p>CURRENT SITUATION: The existing facilities (buildings 36, 36A, 36E, 36L, 36W, and PC 5) are not suitable for the accomplishment of the mission. The current facilities, which inadequately house the mission and include technical support, have concrete foundations that are crumbling, electrical infrastructure that is not in compliance with current codes, structural roofing that leaks and side walls which have deteriorated and pose a safety hazard. Documented shortfalls related to infrastructure repair and maintenance exists in the Joint Military Readiness Review for all of Menwith Hill Station (MHS). The lack of adequate infrastructure funds has contributed to building erosion, but technology advances alone create additional demands on an already stressed environment. Asbestos is present, the ailing HVAC systems do not provide sufficient air, fire alarms do not meet code, sprinkler systems do not exist and the facilities will not support either existing or new operational equipment. The buildings are vermin infested and do not meet environmental protection guidelines. These structures cannot be used to support national requirements and provide information assurance. Additionally, network infrastructure requirements are not met in the current facilities.</p>				
<p>IMPACT IF NOT PROVIDED: Menwith Hill Station is at zero excess capacity for people and equipment. Functional requirements still exist and are displaced throughout operations spaces, resulting in absolutely no room for future systems and zero growth for personnel and equipment. Funding the personnel required to provide systems integration; business process, planning, and support: as well as operations and customer requirements for transformational activities will be addressed using O&amp; M funds. MHS meets operational requirements today, but cannot guarantee those safeguards in the future due to an aging infrastructure that cannot support the people or equipment. A completed 10,219 GSM structure Operations building will enable MHS to collaborate with customers, increase capability, increase production and modernization of the support network. A new building will enable designated zones for communications, support, and technology, with areas set aside for interface between necessary partners.</p>				

1. Component NSA/CSS Defense	<b>FY 2007 MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE February 2006																
3. INSTALLATION AND LOCATION <b>Menwith Hill Station, United Kingdom</b>		4. PROJECT TITLE <b>New Operations/Tech Facility, Replacement for Bldg 36 Increment 2</b>																		
5 PROGRAM ELEMENT <b>0301011G</b>	6. CATEGORY CODE <b>141 62</b>	7. PROJECT NUMBER	8. PROJECT COST (\$000) Appr FY07 46,386																	
<p>ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combating terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI) Design Criteria, dated 9 December 1991, with the 8 July 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement</p> <p>/s/ _____ Harvey A. Davis, NSA Associate Director, I&amp;L</p> <p><u>12. SUPPLEMENTAL DATA</u></p> <p>A. Estimated Design Data</p> <p>1. STATUS</p> <p>A. DESIGN START DATE..... AUG 2005</p> <p>B. PERCENT COMPLETE AS OF 1 JAN 2005 (BDGT YR) 0%</p> <p>C. CONCEPT COMPLETE DATE..... MAR 2006</p> <p>D. DESIGN COMPLETE-DATE..... SEP 2006</p> <p>E. TYPE OF DESIGN CONTRACT: Design-Build</p> <p>2. BASIS</p> <p>A. STANDARD OR DEFINITIVE DESIGN (YES/NO) NO</p> <p>B. WHERE DESIGN WAS MOST RECENTLY USED: N/A</p> <p>3. COST (TOTAL \$000)</p> <p>A. PRODUCTION OF PLANS AND SPECS..... 4,842</p> <p>B. ALL OTHER DESIGN COST.....</p> <p>C. TOTAL DESIGN COST (C) = (A)+(B) OR (D)+(E)..</p> <p>D. CONTRACT..... 4,842</p> <p>E. IN HOUSE..... 0</p> <p>4. CONSTRUCTION CONTRACT AWARD..... APR 2006</p> <p>5. CONSTRUCTION START DATE (PLANNED)..... MAY 2006</p> <p>6. CONSTRUCTION COMPLETION DATE..... DEC 2009</p> <p>B. EQUIP'T ASSOCIATED WITH PROJECT PROVIDED FROM OTHER APPROPRIATIONS:</p> <table border="1"> <thead> <tr> <th>Equipment <u>Nomenclature</u></th> <th>Procuring <u>Appropriation</u></th> <th>Fiscal Year Appropriated or Requested</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>Network Information Technology</td> <td>Procurement</td> <td>FY07-FY09</td> <td>1,091</td> </tr> <tr> <td>Furnishings</td> <td>O&amp;M</td> <td>FY09</td> <td>1,667</td> </tr> <tr> <td>Operational equipment &amp; network infrastructure</td> <td>O&amp;M</td> <td>FY07-FY09</td> <td>29,100</td> </tr> </tbody> </table>					Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated or Requested	Cost (\$000)	Network Information Technology	Procurement	FY07-FY09	1,091	Furnishings	O&M	FY09	1,667	Operational equipment & network infrastructure	O&M	FY07-FY09	29,100
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated or Requested	Cost (\$000)																	
Network Information Technology	Procurement	FY07-FY09	1,091																	
Furnishings	O&M	FY09	1,667																	
Operational equipment & network infrastructure	O&M	FY07-FY09	29,100																	