National Security Agency
Military Construction, Defense-Wide
FY 2008 Budget Estimates
($ in thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Georgia				
Augusta				
Regional Security Operation Center Inc. III	-	100,000	C	202
Hawaii				
Kunia, Naval Security Group Activity				
Regional Security Operation Center Inc. III	-	136,318	C	207
Maryland				
Fort Meade				
NSAW Utility Management System	7,901	7,901	C	213
OPS1 South Stair Tower	4,000	4,000	C	217
Total	**11,901**	**248,219**		

1. COMPONENT **NSA/CSS** **DEFENSE**	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE **February 2007**
3. INSTALLATION AND LOCATION **FORT GORDON, GEORGIA**	4. COMMAND **NSA/CSS**	5. AREA CONSTRUCTION COST INDEX **0.84**

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
Army Installation	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF b. END FY				x CLASS	 IFIED					

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZED NOT YET IN INVENTORY	340,854
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	0
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	340,854

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	COMPLETE
141	50080	Georgia Regional Security Operations Center (FY08) (3rd Increment) (NSA/CSS Georgia)	100,000	Jan 06	May 06

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT TITLE	COST ($000)
141	Georgia Regional Security Operations Center (FY09) (4th Increment) (NSA/CSS Georgia)	86,550

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT TITLE	COST ($000)

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

1. Component	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. Date
NSA/CSS DEFENSE		February 2007

3. Installation and Location	4. Project Title
FORT GORDON, GEORGIA	Georgia Regional Security Operations Center (FY08) (3rd Increment) (NSA/CSS Georgia)

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
NIP 0301011G	141	50080	Appropriate FY 08 $100,000

9. COST ESTIMATES

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		--		64,703
Electric Service	LS	--		(23,455)
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				340,854
TOTAL REQUEST (ROUNDED)				341,000
TOTAL FY08 INCR III Request				100,000
INSTALLED EQT-OTHER APPROPRIATIONS				108,917

10. DESCRIPTION OF PROPOSED CONSTRUCTION: 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).

11. REQUIRED: 501,699 SF ADQT: None SUBSTD: 220,602
PROJECT: Construct a consolidated operations and support complex for intelligence activities.
REQUIREMENT: 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.

1. Component NSA/CSS DEFENSE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA		2. Date February 2007
3. Installation and Location FORT GORDON, GEORGIA			4. Project Title Georgia Regional Security Operations Center (FY08) (3rd Increment) (NSA/CSS Georgia)
5. Program Element NIP 0301011G	6. Category Code 141	7. Project Number 50080	8. Project Cost ($000) Appropriate FY08 $100,000

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	UNIT COST	COST ($000)
PRIMARY FACILITY (CONTINUED)				
Shredder Building	SF	600	214.93	(129)
Battle Lab Relocation	LS	--	--	(4,700)

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, is expected to continue to increase through 2010. Operations from overseas and other locations have been identified to join the NSA/CSS Georgia.

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 is in need of additional control points. 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.

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 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 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.

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.

NSA/CSS DEFENSE	FY 2008 MILITARY CONSTRUCTION PROJECT DATA		2. Date February 2007
3. Installation and Location **FORT GORDON, GEORGIA**			4. Project Title **Georgia Regional Security Operations Center (FY08) (3rd Increment) (NSA/CSS Georgia)**
5. Program Element **NIP 0301011G**	6. Category Code **141**	7. Project Number **50080**	8. Project Cost ($000) **Appropriate FY08 $100,000**

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.

/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 2007: 35%
   - (c) Date Design Complete: May 06 (35%)
   - (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: 3,600
   - (b) All Other Design Costs: 0
   - (c) Total: 3,600
   - (d) Contract: 3,600
   - (e) In-House:

4. Contract Award: Jan 07
5. Construction Start: Feb 07
6. Construction Completion: Aug 10

1. Component **NSA/CSS DEFENSE**	**FY 2008 MILITARY CONSTRUCTION PROJECT DATA**		2. Date **February 2007**
3. Installation and Location **FORT GORDON, GEORGIA**			4. Project Title **Georgia Regional Security Operations Center (FY08) (3rd Increment) (NSA/CSS Georgia)**
5. Program Element **NIP 0301011G**	6. Category Code **141**	7. Project Number **50080**	8. Project Cost ($000 **Appropriate FY08 $100,000**

B. Equipment associated with this project that will be provided from other appropriations:

MAJOR EQUIPMENT	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT($000)
Command & Control, Communications, Computers And Information (C4I) Systems	O&M or other Non-MILCON	FY07-11	88,917
Furniture, Storage Equip, Personnel Support Equip and Fittings	O&M or other Non-MILCON	FY09	20,000

Point of Contact: Rick Haskett, (240) 373-2561

1. COMPONENT NSA/CSS DEFENSE	FY 2008 MILITARY CONSTRUCTION PROGRAM	2. DATE February 2007

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Naval Security Group Activity, Kunia Wahiawa, Hawaii	NSA/CSS	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	350,490
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	0
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	350,490

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
143-80	P-010	Hawaii Regional Security Operations Center (FY 08) (NSA/CSS Hawaii) (3th Increment)	136,318	Jan 05	Jun 06

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT TITLE	COST ($000)

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT TITLE	COST ($000)

10. MISSION OR MAJOR FUNCTION

Agency activities are classified.

1. Component NSA/CSS	FY 2008 MILITARY CONSTRUCTION PROGRAM	2. Date February 2007
3. Installation and Location / UIC: N43456 Naval Security Group Activity, Kunia Wahiawa, Hawaii	4. Project Title: (U) HAWAII REGIONAL SECURITY OPERATIONS CENTER (NSA/CSS Hawaii) (INCREMENT III)	
5. Program Element NIP 0301011G	6. Category Code143-80	7. Project Number P-010	8. Project Cost ($000) Appr FY08: $136,318

9. (U//FOUO) COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
HAWAII REGIONAL SECURITY OPERATIONS CENTER (INCREMENT IV&V)	M^2	44,013		226,970
Operations Center	M^2	32,415	3,876	(125,641)
Operational Support Facilities	M^2	8,757	1,036	(9,072)
Personnel Support	M^2	1,904	3,876	(7,380)
Replacement Facility	M^2	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	--	--	(8,154)
SUBTOTAL	--	--	--	314,313
Contingency (5%)	--	--	--	15,716
TOTAL CONTRACT COST	--	--	--	330,029
Supervision Inspection & Overhead (6.2%)	--	--	--	20,461
TOTAL REQUEST	--	--	--	350,490
TOTAL FY08 INCR III REQUEST	--	--	--	136,318
EQUIPMENT FROM OTHER APPROPRIATIONS	--	--	(NON-ADD)	129,963
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

(U) 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 2008 MILITARY CONSTRUCTION PROGRAM	2. Date February 2007
3. Installation and Location / UIC: N43456 Naval Security Group Activity, Kunia Wahiawa, Hawaii	4. Project Title: (U) HAWAII REGIONAL SECURITY OPERATIONS CENTER (NSA/CSS Hawaii) (INCREMENT III)	

5. Program Element NIP 0301011G	6. Category Code143-80	7. Project Number P-010	8. Project Cost ($000) Appr FY08: $136,318

(continued) (U//FOUO)

10. (U) DESCRIPTION OF PROPOSED CONSTRUCTION: (U) 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).

(U//FOUO) 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.

(U) 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.

(U//FOUO) 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).

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

11. (U) REQUIREMENT: (U//FOUO) FACILITY PLANNING DATA *:

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

1. Component	FY 2008 MILITARY CONSTRUCTION PROGRAM	2. Date

(continued) (U//FOUO)

Cat Code	Requirement	UM	Adequate	Substandard	Inadequate	Deficiency
Operational Support *cont'd*						
730-25 Base Entry Control Point	148	M²	0	0	0	
730-20 Visitor Control Center	485	M²	0	0	0	
131-50 Antenna Farm Building	93	M²	0	0	0	
842-15Potable Water Booster Pump	56	M²	0	0	0	
610-30 Incinerator/Shredder	84	M²	0	23	0	84
Personnel Support						
550-10 OHESS	275	M²	0	0	0	275
740-26 Galley	1,393	M²	0	829	0	1,393
740-02 Mini-mart	122	M²	0	75	0	122
740-09 Barber Shop	44	M²	0	30	0	44
740-47 ITT Office	70	M²	0	25	0	70

Assets data provided by NSA/CSS HAWAII.

(U) SCOPE:

(U//FOUO) 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.

(U) PROJECT:

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

(U) REQUIREMENT:

(U//FOUO) 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. NSA/CSS HAWAII personnel presently work in the existing 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.

(U//FOUO) 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.

3. Installation and Location / UIC: N43456 Naval Security Group Activity, Kunia Wahiawa, Hawaii			4. Project Title: (U) HAWAII REGIONAL SECURITY OPERATIONS CENTER (NSA/CSS Hawaii) (INCREMENT III)
5. Program Element NIP 0301011G	6. Category Code143-80	7. Project Number P-010	8. Project Cost ($000) Appr FY08: $136,318

(continued)

(U//FOUO) 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-collocated 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 teleconferencing, imagery exchange, videotext streaming and other high bandwidth data.

(U) CURRENT SITUATION:

(U) NSA/CSS HAWAII is presently housed in a facility located at Kunia, Oahu. The facility was built between 1942 and 1944. 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.

(U//FOUO) 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.

(U) IMPACT IF NOT PROVIDED:

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

(U) 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.

(U) 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 2008 MILITARY CONSTRUCTION PROGRAM		2. Date February 2007
3. Installation and Location / UIC: N43456 Naval Security Group Activity, Kunia Wahiawa, Hawaii		4. Project Title: (U) HAWAII REGIONAL SECURITY OPERATIONS CENTER (NSA/CSS Hawaii) (INCREMENT III)	
5. Program Element NIP 0301011G	6. Category Code143-80	7. Project Number P-010	8. Project Cost ($000) Appr FY08: $136,318

(continued)

12. Supplemental Data:

A. Estimated Design Data:

1. Status

(a)	Date Design Started:	Jan 05
(b)	Percent Completed as of January 2007:	100
(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	Jan 07
5.	Construction Start	Feb 07
6.	Construction Completion	Apr 10

Point of Contact: Henry Lee, (240) 373-2561

1. COMPONENT NSA/CSS DEFENSE	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	**2. DATE** **February 2007**
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	0
B. INVENTORY TOTAL AS OF Jul 2006	556,301
C. AUTHORIZED NOT YET IN INVENTORY	60,358
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	7,901
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	251,493
G. REMAINING DEFICIENCY	2,235,900
H. GRAND TOTAL	3,111,953

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
812	11833	NSAW PSC Utility Management System 1	7,901	08/06	08/07
690	14182	NSAW OPS1 South Stair Tower	4,000	02/06	09/06

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE		PROJECT TITLE	COST ($000)
812	17113	NSAW PSC Utility Management System 2 (FY09)	31,000

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE		PROJECT TITLE	COST ($000)
812	17113	NSAW PSC Utility Management System 3(FY10)	68,000
813	16577	NSAW South Substation (FY10)	128,000
833	11800	Demo CMC Area (FY10)	5,647
141	15981	HQ Building Recapitalization (FY10)	77,170
610	10563	NSAW PSAT Assessment (FY11)	8,491
812	11833	NSAW Utility Upgrades- Phase 3 (FY11)	15,631
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

1. Component **NSA/CSS**	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE **February**

Defense		2007
3. INSTALLATION AND LOCATION **NSA, Fort George G. Meade, Maryland**	4. PROJECT TITLE **NSAW Utilities Upgrades – Phase II** **(**NSAW PSC Utility Management System 1**)**	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0301011G	**812**	**11833**	**7,901**

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				5,235
Utility Management System	LS			(5,235)
SUPPORTING FACILITIES				1,884
Communication cables, Remote Terminal Units (RTUs), and Meters	LS			(1,684)
Testing & Commissioning	LS			(200)
ESTIMATED CONTRACT COST				7,119
CONTINGENCY PERCENT (5.00%)				356
SUBTOTAL				7,475
SUPV, INSP, & OVERHEAD (5.70%)				426
TOTAL REQUEST				7,901
TOTAL REQUEST (ROUNDED)				7,900

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Essential for NSA's ability to provide adequate Power, Space, and Cooling to monitor and respond to increasing power demand placed on an already aging infrastructure, this project provides the construction to physically extend the utility monitoring SCADA (Supervisory Control and Data Acquisition) system, i.e., the utility monitoring and control system (UMCS), which is currently built into the existing NSA facilities complex, to additional facilities to support the SCADA system infrastructure. The SCADA system equipment meets the definition of installed building equipment under Appendix H of AR 415-15. The SCADA components are not stand alone pieces of equipment but are each functionally integral to the extended SCADA infrastructure. This project physically extends the monitoring and control capabilities of the Supervisory Control And Data Acquisition system beyond previous upgrades to additional power systems, which support critical mission functions within the Headquarters complex. Work physically extends the SCADA system monitoring capability to medium-voltage switches, substation breakers and generators; trains the facility engineers on the implementation and the maintenance of the new SCADA system; conducts site acceptance testing and commissioning of the system.

11. REQ: N/A Adequate: N/A Substandard: N/A

1. Component **NSA/CSS** **Defense**	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE **February 2007**

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NSA, Fort George G. Meade, Maryland	**NSAW Utilities Upgrades – Phase II** **(NSAW PSC Utility Management System 1)**

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0301011G	**812**	**11833**	**7,901**

PROJECT: This project includes the physical extension of existing utility monitoring 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 function for the entire NSA facilities complex and has not been extended throughout the NSAW campus.

IMPACT IF NOT PROVIDED:
This project is essential for NSA's ability to provide adequate Power, Space, and Cooling to monitor and respond to increasing power demand placed on an already aging infrastructure. If this project is not provided, the SCADA system will not be able to monitor and control the entire NSA power distribution infrastructure effectively, including transferring and maintaining critical mission loads online, start and stop on-site generation plants under adverse or combative conditions. Without the physical extension of SCADA capabilities, the NSA facilities complex 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**	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE **February 2007**

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NSA, Fort George G. Meade, Maryland	**NSAW Utilities Upgrades – Phase II** **(NSAW PSC Utility Management System 1)**

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0301011G	**812**	**11833**	**7,901**

12. (U//FOUO) SUPPLEMENTAL DATA

A. Estimated Design Data

1. Status

a. Date Design Started	AUG 2006
b. Percent Completed as of January 1, 2007 *(Budget Year)*	15%
c. Date 35 % Design Completed	JUNE 2007
d. Date Design Completed	AUG 2007
e. Type of Design Contract	Design-Bid-Build

2. BASIS

a. Standard or Definite Design	Yes ___ No __X__
b. Where Design Was Most Recently Used	N/A

3. COST ($000) = c = a + b = d +e	800
a. Production of Plans and Specifications	630
b. All Other Design Costs	170
c. Total	800
d. Contract	800
e. In-house	0
4. CONSTRUCTION CONTRACT AWARD	FEB 2008
5. CONSTRUCTION START	APR 2008
6. CONSTRUCTION COMPLETE	OCT 2009

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated or Requested	Cost ($000)
N/A			

Point of Contact: K. Spice, 240-373-2024

1. Component NSA/CSS Defense	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE **February 2007**

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NSA, Fort George G. Meade, Maryland	**NSAW OPS 1 Building South Stair Tower**

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0301011G	690	**14182**	**4,000**

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,604
Stair Tower Extension	LS			(3,081)
Escort Requirements	LS			(373)
Title II Costs (A/E Services during construction)	LS			(150)
ESTIMATED CONTRACT COST				3,604
CONTINGENCY PERCENT (5.00%)				180
SUBTOTAL				3,784
SUPV, INSP, & OVERHEAD (5.70%)				216
TOTAL REQUEST				4,000
TOTAL REQUEST (ROUNDED)				4,000

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construction of an exterior stair tower at the southwest wing of building 9800. The new stair tower will be constructed at the end of the building wing and connect to the interior corridors from the basement to the roof level. The stairs will be totally enclosed with an exterior envelope that matches the exterior of building 9800. Construction will generally include: Cast-in-place concrete footings, floor slabs, roof slab and walls. Interior steel stairs with concrete pan treads and steel handrails. Exterior aluminum stairs, platforms and railings. Cold-formed metal framing and exterior gypsum sheathing. Vertical and horizontal expansion joint covers. Exterior insulation and finish system (EIFS) at the exterior wall surfaces. Gypsum wallboard interior wall and ceiling surfaces. Vinyl flooring and tread and riser covers. Acoustical tile ceilings. Doors, frames and hardware. Low slope roof system. Exterior ramp and walkways. Mechanical HVAC systems. Lighting and power.

1. Component NSA/CSS Defense	**FY 2008 MILITARY CONSTRUCTION PROJECT DATA**	2. DATE **February 2007**

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NSA, Fort George G. Meade, Maryland	**NSAW OPS 1 Building South Stair Tower**

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0301011G	690	**14182**	**4,000**

11. REQ: 2,500 SF Adequate: None Substandard: 2,500 SF

PROJECT: Construct an exterior stair tower at the end of the southwest wing of the OPS1 building connecting all interior corridors from the basement to the roof level.

REQUIREMENT: The project is a result of an OPS 1 Life Safety Study that identified several code deficiencies. The reference for this study and all applicable Life Safety issues pertaining to NSA facilities is the National Fire Protection Association (NFPA) 101 Code.

CURRENT SITUATION: The OPS1 building was built in the 1950's and does not meet current life safety codes. The new exterior building stair tower will correct three major building deficiencies identified in NFPA 101 Chapter 7. (1) Dead end exit corridors on the floors, (2) Common path of travel deficiencies on the wings, and (3) Lack of exit stairwells which discharge directly to the outside of the building. These stair towers will also alleviate evacuation congestion and significantly decrease building evacuation times.

IMPACT IF NOT PROVIDED: NSA would not be in compliance with DOD Fire Protection Engineering Facilities Criteria, UFC 3-600-01 which designates full compliance with NFPA 101. The areas adjacent to the stair tower will not be able to be occupied until applicable Life Safety codes, identified in NFPA 101, are satisfied. Employees will continue to work in an environment that does not have an acceptable (code compliant) means of building evacuation.

ADDITIONAL: This project has been coordinated with Environmental and Safety Services Office and is a result of a Life Safety Study of OPS 1 using NFPA 101 as a baseline inspection document. This project was originally planned to be executed in conjunction with the OPS 1 North Stair Tower construction. Due to unforeseen site utility conditions and accompanying time delays, contract change orders resulted in an increase in construction costs ultimately resulting in the OPS 1 South Stair Tower being deferred/de-scoped from the original statement of work, utilizing Title 10 congressional notification 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. 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.

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

1. Component **NSA/CSS** **Defense**	**FY 2008 MILITARY CONSTRUCTION PROJECT DATA**	2. DATE **February 2007**
3. INSTALLATION AND LOCATION **NSA, Fort George G. Meade, Maryland**	4. PROJECT TITLE **NSAW OPS 1 Building South Stair Tower**	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0301011G	690	**14182**	**4,000**

12. SUPPLEMENTAL DATA

A. Estimated Design Data

1. Status

a. Date Design Started	FEB 06
b. Percent Completed as of January 1, 2007	100%
c. Date 35 % Design Completed	APR 06
d. Date Design Completed	SEP 06
e. Type of Design Contract	Design-Bid-Build

2. BASIS

a. Standard or Definite Design	Yes ___ No __X__
b. Where Design Was Most Recently Used	N/A

3. COST ($000) = c = a + b = d +e	240
a. Production of Plans and Specifications	160
b. All Other Design Costs	80
c. Total	240
d. Contract	240
e. In-house	0
4. CONSTRUCTION CONTRACT AWARD	FEB 08
5. CONSTRUCTION START	APR 08
6. CONSTRUCTION COMPLETE	SEP 09

C. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated or Requested	Cost ($000)
N/A			

Point of Contact: Ronald J. Talarico 240.373.2011

1. COMPONENT **NSA/CSS DEFENSE**	**FY 2008 MILITARY CONSTRUCTION PROGRAM**	2. DATE **February 2007**
3. INSTALLATION AND LOCATIONS **Various (Planning & Design)**	4. COMMAND **NSA/CSS**	5. AREA CONSTRUCTION COST INDEX **N/A**

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
Tenant of US ARMY	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 Aug 1999	0
C. AUTHORIZED NOT YET IN INVENTORY	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	26,749
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	71
F. PLANNED IN NEXT THREE YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	26,749

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
N/A		Planning and Design	7,599		
		Additional PSC Planning and Design per DDD330	19,150		

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT TITLE	COST ($000)
N/A	Planning and Design	71
	Additional PSC Planning and Design per DDD330	28,000

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT TITLE	COST ($000)

10. MISSION OR MAJOR FUNCTION

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

D.	AIR POLLUTION	0
E.	WATER POLLUTION	0
F.	OCCUPATIONAL SAFETY AND HEALTH	0

1. Component NSA/CSS Defense	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE **February 2007**

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Various	**Planning and Design**

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
N/A	**N/A**	**N/A**	**$26,749**

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Total Planning and Design				26,749)

10. Description of Proposed Construction

Funds are to be used for preparing plans and specifications for construction of Agency activities.

11. Requirement:

The estimated cost of most projects does not include amounts for feasibility studies, preliminary engineering or final plans and specifications. The accomplishment of the planning and design effort required to develop and execute the construction program for the Agency is dependent on the provision of funds proposed by this item.

12. Supplemental Data:

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