

**National Security Agency
FY 2022 Military Construction, Defense-Wide
(\$ in Thousands)**

<u>State/Installation/Project</u>	<u>Authorization Request</u>	<u>Approp. Request</u>	<u>New/ Current Mission</u>	<u>Page No.</u>
Maryland				
National Security Agency Ft. George G. Meade NSAW Recapitalization Building 4, Increment 1	802,000	104,100	C	80
National Security Agency Ft. George G. Meade Mission Operations and Records Center	299,000	94,000	C	84
Colorado				
National Security Agency Buckley Air Force Base, Denver, CO Joint Cryptologic Center Expansion	20,000	20,000	C	89
United Kingdom				
National Security Agency RAF Menwith Hill Main Gate Rehabilitation	-	20,000	C	92
Total	1,121,000	238,100		

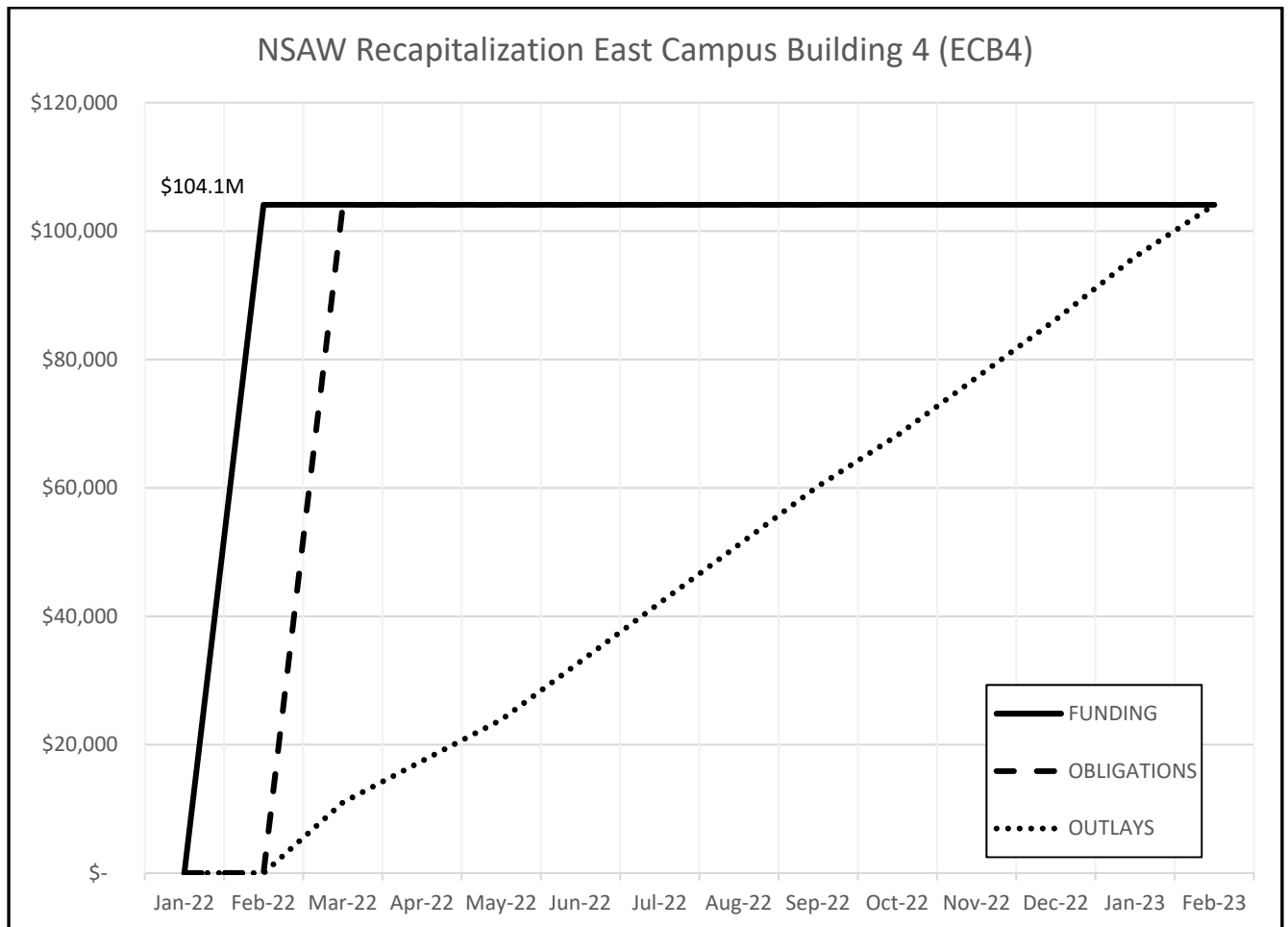
1. COMPONENT NSA/CSS DEFENSE		FY 2022 MILITARY CONSTRUCTION PROGRAM				2. DATE MAY 2021				
3. INSTALLATION AND LOCATION FORT GEORGE G. MEADE, MARYLAND			4. COMMAND NSA/CSS			5. AREA CONSTRUCTION COST INDEX 0.97				
6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
b. AS OF 20170930										0
b. END FY 2022										0
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (acre)										0.00
b. INVENTORY TOTAL AS OF YYYYMMDD										0.00
c. AUTHORIZATION NOT YET IN INVENTORY										0.00
d. AUTHORIZATION REQUESTED IN THIS PROGRAM										1,101,000.00
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										0.00
f. PLANNED IN NEXT THREE PROGRAM YEARS										0.00
g. REMAINING DEFICIENCY										0.00
h. GRAND TOTAL										1,101,000.00
8. PROJECTS REQUESTED IN THIS PROGRAM										
a. CATEGORY				b. COST	c. DESIGN STATUS					
(1) CODE	(2) PROJECT TITLE		(3) SCOPE		(1) START	(2) COMPLETE				
141-90	NSAW East Campus Building #4, Increment 1		a. 857,335 SF (bldg.) b. 1,190,724 SF (parking)	104,100	OCT 2019	APR 2021				
141-69	NSAW Mission Operations & Records Center, Increment 1		339,043 SF	94,000	APR 2020	JUN 2021				
9. FUTURE PROJECTS*										
141-90	NSAW East Campus Building #4, Remaining Increments		a. 857,335 SF (bldg.) b. 1,190,724 SF (parking)	697,900	OCT 2019	APR 2021				
141-69	NSAW Mission Operations & Records Center, Remaining Increments		339,043 SF	205,000	APR 2020	JUN 2021				
10. MISSION OR MAJOR FUNCTIONS										
The National Security Agency/Central Security Service (NSA/CSS) leads the U.S. Government in cryptology that encompasses both Signals Intelligence and Information Assurance products and services, and enables Computer Network Operations in order to gain a decision advantage for the Nation and our allies under all circumstances.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES										
										(\$000)
A. Air Pollution										0
B. Water Pollution										0
C. Occupational Safety and Health										0

1. COMPONENT NSA/CSS DEFENSE		FY 2022 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAY 2021	
3. INSTALLATION AND LOCATION FORT GEORGE G. MEADE, MARYLAND			4. PROJECT TITLE: NSAW EAST CAMPUS BUILDING #4, INCREMENT 1		
5. PROGRAM ELEMENT		6. CATEGORY CODE 14190	7. PROJECT NUMBER 38608	8. PROJECT COST (\$000) 104,100	
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES</u>					648,264
C4I BUILDING (CC 14190)		SF	857,335	\$ 573.17	(491,399)
PARKING FACILITY (CC 85218)		SF	1,190,724	\$ 96.36	(114,738)
SPECIAL COSTS		LS			(15,373)
ANTITERRORISM/FORCE PROTECTION		LS			(16,061)
SUSTAINABILITY AND ENERGY FEATURES		LS			(9,839)
OMSI		LS			(854)
<u>SUPPORTING FACILITIES</u>					36,713
ELECTRIC SERVICE		LS			(8,921)
WATER, SEWER, GAS		LS			(2,448)
PAVING, WALKS, CURBS AND GUTTERS		LS			(6,924)
STORM DRAINAGE & LOW IMPACT DEVELOPMENT		LS			(684)
SITE IMPROVEMENTS (8,340) DEMOLITION (8,811)		LS			(17,150)
INFORMATION SYSTEMS		LS			(586)
ESTIMATED CONTRACT COST					684,977
CONTINGENCY (5.0%)					34,249
SUBTOTAL					719,226
SUPERVISION, INSPECTION AND OVERHEAD (SIOH) (5.7%)					40,996
DESIGN/BUILD (4.0%)					27,399
OTHER (DESIGN DURING CONSTRUCTION)					14,385
TOTAL REQUEST					802,005
TOTAL REQUEST (ROUNDED)					802,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS					200,690
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct a Command, Control, Communications, Combat Systems, Intelligence, Surveillance, and Reconnaissance (C4ISR) Operations Building and structured parking facility with all required supporting facilities, associated site work, and environmental measures. The facility will provide operational office space, support space, equipment and communications space, and storage areas.					
Operational areas include private offices and open flexible seating space, collaborative multi-discipline work spaces, administrative support spaces, and conference areas. Computer labs and virtual instruction/distance learning enabled classroom facilities are included. Amenity spaces include physical fitness space, food service, and dining area.					
The primary facility will be a multi-story structure with full basement. The project consists of core, shell structure, and foundations; elevators; electrical/mechanical service and distribution components and systems; life safety generator, fire protection, alarm, and suppression systems; information technology infrastructure, communications, and security systems support infrastructure; exterior finishes and weatherproofing. Interior build out will provide raised access floor systems, acoustically-rated interior partitions and ceilings, power, lighting, environmental controls, and communications. The entire structure will be built to Sensitive Compartmented Information Facility (SCIF) standards, with redundant primary power and Uninterruptable Power Supply (UPS) systems to ensure continuity of operations.					

1. COMPONENT NSA/CSS DEFENSE	FY 2022 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAY 2021
3. INSTALLATION AND LOCATION FORT GEORGE G. MEADE, MARYLAND		4. PROJECT TITLE: NSAW EAST CAMPUS BUILDING #4, INCREMENT 1	
5. PROGRAM ELEMENT	6. CATEGORY CODE 14190	7. PROJECT NUMBER 38608	8. PROJECT COST (\$000) 104,100
<p>A parking structure will be constructed to provide privately-owned vehicle (POV) parking for staff and visitors. New road construction, widening, realignment, and modifications to existing roads including signals and other road improvements will be provided to connect to existing traffic infrastructure.</p> <p>Construction estimates incorporate special costs associated with construction on a secure site, clearances for personnel, and labor inefficiencies associated with escort requirements. Escorts are required for positive control of access to utilities which service other critical facilities.</p> <p>Facility physical security will conform to DOD Minimum Anti-Terrorism Standards for Buildings. Anti-Terrorism/Force Protection (ATFP) and include access control, setbacks, architectural shielding, Intrusion Detection Systems (IDS), progressive collapse requirements, and compliance with relevant ATFP regulations including fencing, bollards and protective planters, and electronic security systems to extend the secure perimeter. DOD standards for high performance and sustainable buildings will be included in design and construction of the facility, according to federal law and Executive Orders. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.</p> <p>Supporting facilities include primary electrical service and distribution. Utility systems include water, sewer, reclaimed water, gas connection and service from utility providers, and storm drainage systems. Site work consists of curb and gutter, walkways, pedestrian plazas, landscaping, and Low impact Development (LID) including storm water management features. Roadway and intersection improvements are included to integrate new facilities with existing transportation networks. Demolition of two buildings (B9827/B9828), associated parking, support structures, and minor site structures, along with standard clearing, grubbing, cut, fill, grading, and environmental protection structures will be provided. Secure communications infrastructure and cabling will be provided.</p>			
<p>11. REQUIREMENT: 857,335 SF ADQT: 0 SF SUBSTD: 0 SF</p>			
<p><u>PROJECT:</u> Construct multi-story operations facility and structured parking facility.</p> <p><u>REQUIREMENT:</u> This facility is necessary to support mission operations and to further implement NSA's Recapitalization Plan. The NSA Recapitalization Plan calls for the phased replacement of aging and leased facilities that have exceeded their service life and can no longer support the technology required for new missions. Additionally, this facility will provide the NSA with a flexible building that can provide the modern infrastructure necessary to support current and future technological requirements. This facility will incorporate new technologies and processes that will generate valuable operational synergies through intra-agency coordination, integration, and collaboration. Using an open work environment that incorporates scalable, reconfigurable work spaces, missions will be able to achieve both actual and virtual collaboration while maintaining their functional discipline.</p> <p><u>CURRENT SITUATION:</u> Mission critical activities that support the DoD and the nation are conducted individually in disparate and dispersed facilities. Network operations are prevented from realizing the full potential of the collaborative, cohesive work environments required. Existing facilities are being reconfigured and supplemented through leased space. However, these efforts are limited by the availability of facilities with suitable locations, inadequate AT/FP profiles, and insufficient power and cooling infrastructure capable of supporting mission critical activities.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this facility is not funded, NSA will continue to overburden existing facilities and infrastructure and operate in a disjointed mission configuration in a mix of antiquated space on</p>			

1. COMPONENT NSA/CSS DEFENSE		FY 2022 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAY 2021	
3. INSTALLATION AND LOCATION FORT GEORGE G. MEADE, MARYLAND			4. PROJECT TITLE: NSAW EAST CAMPUS BUILDING #4, INCREMENT 1		
5. PROGRAM ELEMENT		6. CATEGORY CODE 14190	7. PROJECT NUMBER 38608	8. PROJECT COST (\$000) 104,100	
Fort Meade and transient leased space distributed across a wide area, impeding the ability to effectively operate and meet its mission.					
12. Supplemental Data:					
A. Estimated Execution Data:					
(1) Acquisition Strategy:				Design-Build	
(2) Design Data:					
(a) Design or Request for Proposal (RFP) Started:				OCT 2019	
(b) Percent Complete as of January 2021:				15%	
(c) Design or RFP Complete:				APR 2021	
(d) Total Design Cost (\$000):				15,000	
(e) Energy Study and/or Life Cycle Analysis performed:				Yes	
(f) Standard or definitive design used?				No	
(3) Construction Data:					
(a) Contract Award:				JAN 2022	
(b) Construction Start:				JAN 2023	
(c) Construction Complete:				MAR 2026	
B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:					
Equipment Nomenclature		Procuring Appropriation		Cost (\$000)	
FF&E, Security, IT, AVVM		Future O&M Request		200,690	
C. Authorization and Appropriation Summary:					
		Authorization (\$000)	Auth of Approp (\$000)	Appro (\$000)	
	FY 2022 Request	802,000	104,100	104,100	
	Future Request	0	697,900	697,900	
	Total	802,000		802,000	
Master Planning Office Telephone: (443) 634-4109					

PROJECT SPENDING PLAN FOR INCREMENTALLY FUNDED PROJECT							
PROJECT TITLE:		NSAW Recapitalization East Campus Building 4 (ECB4)					
As of:	May-21	FUNDING		OBLIGATIONS		OUTLAYS	
All costs in thousands (\$000)							
Month-Year		Monthly	Cumulative	Monthly	Cumulative	Monthly	Cumulative
2022	Jan-22	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Feb-22	\$ 104,100	\$ 104,100	\$ -	\$ -	\$ -	\$ -
	Mar-22	\$ -	\$ 104,100	\$ 104,100	\$ 104,100	\$ 11,023	\$ 11,023
	Apr-22	\$ -	\$ 104,100	\$ -	\$ 104,100	\$ 6,432	\$ 17,455
	May-22	\$ -	\$ 104,100	\$ -	\$ 104,100	\$ 6,432	\$ 23,887
	Jun-22	\$ -	\$ 104,100	\$ -	\$ 104,100	\$ 9,093	\$ 32,980
	Jul-22	\$ -	\$ 104,100	\$ -	\$ 104,100	\$ 9,093	\$ 42,073
	Aug-22	\$ -	\$ 104,100	\$ -	\$ 104,100	\$ 9,093	\$ 51,166
	Sep-22	\$ -	\$ 104,100	\$ -	\$ 104,100	\$ 9,093	\$ 60,259
	Oct-22	\$ -	\$ 104,100	\$ -	\$ 104,100	\$ 7,949	\$ 68,209
	Nov-22	\$ -	\$ 104,100	\$ -	\$ 104,100	\$ 9,006	\$ 77,215
	Dec-22	\$ -	\$ 104,100	\$ -	\$ 104,100	\$ 9,006	\$ 86,221
2023	Jan-23	\$ -	\$ 104,100	\$ -	\$ 104,100	\$ 9,790	\$ 96,011
	Feb-23	\$ -	\$ 104,100	\$ -	\$ 104,100	\$ 8,089	\$ 104,100



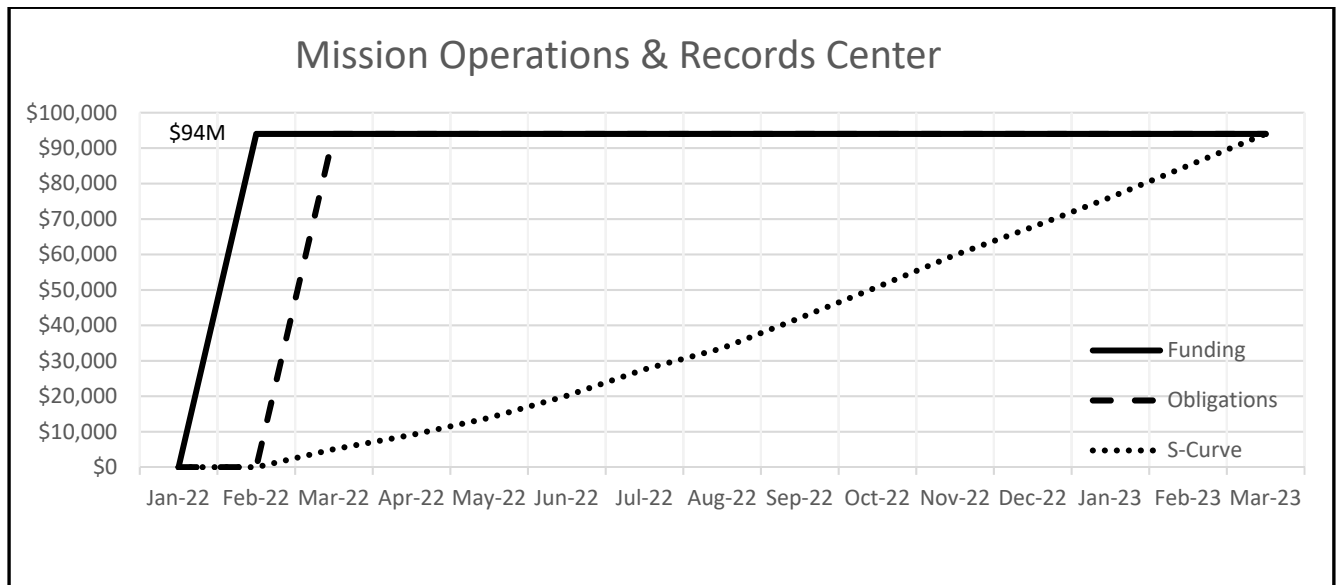
1. COMPONENT NSA/CSS DEFENSE	FY 2022 MILITARY CONSTRUCTION PROJECT DATA			2. Date MAY 2021
3. INSTALLATION AND LOCATION FORT GEORGE G. MEADE, MARYLAND		4. PROJECT TITLE: MISSION OPERATIONS AND RECORDS CENTER INCREMENT 1		
5. PROGRAM ELEMENT	6. CATEGORY CODE 14169	7. PROJECT NUMBER 38440	8. PROJECT COST (\$000) 94,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES</u>				237,325
MISSION OPERATIONS FACILITY (CC 14169)	SF	251,405	\$ 550.83	(138,482)
WAREHOUSE CONNECTOR (CC 14169)	SF	2,680	\$ 688.92	(1,846)
RECORDS CENTER ADMIN (CC 61050)	SF	57,709	\$ 560.58	(32,350)
HUMIDITY CONTROLLED RECORDS CENTER (CC 44230)	SF	27,249	\$ 1,201.51	(32,740)
SPECIAL COSTS	LS			(7,227)
ANTITERRORISM/FORCE PROTECTION	LS			(19,565)
SUSTAINABILITY AND ENERGY FEATURES	LS			(4,520)
OMSI	LS			(595)
<u>SUPPORTING FACILITIES</u>				16,905
ELECTRIC SERVICE	LS			(3,951)
WATER, SEWER, GAS	LS			(969)
PAVING, WALKS, CURBS AND GUTTERS	LS			(2,234)
STORM DRAINAGE & LOW IMPACT DEVELOPMENT	LS			(1,932)
SITE IMPROVEMENTS (4,621) DEMOLITION (3,284)	LS			(7,095)
INFORMATION SYSTEMS	LS			(724)
ESTIMATED CONTRACT COST				254,230
CONTINGENCY (5.0%)				12,712
SUBTOTAL				266,942
SUPERVISION, INSPECTION AND OVERHEAD (SIOH) (5.7%)				15,216
DESIGN/BUILD (4.0%)				10,169
OTHER (DESIGN DURING CONSTRUCTION)				6,673
TOTAL REQUEST				299,000
TOTAL REQUEST (ROUNDED)				299,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				63,397
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct a mission support operations facility and a humidity controlled records center recapitalization facility.				
<p>The mission support operations facility includes workshops, storage areas, office and administrative space, and all required supporting facilities, connection to warehouse, utility connections, associated site work, and environmental measures. Office areas will include open flexible seating space, shared collaborative workspaces, administrative support spaces, and conference areas. The building will include core, shell structure, and foundations; elevators; electrical/mechanical service and distribution components and systems; fire protection, alarm, and suppression systems; information technology infrastructure, communications, and security systems support infrastructure; exterior finishes and weatherproofing. Interior build out will provide raised access floor systems, acoustically-rated interior partitions and ceilings, power, lighting, environmental controls, and communications.</p> <p>The records center replacement will be constructed in compliance with the National Archives and Records Administration (NARA) Facility Standards for Records Storage (36 CFR §1228 subpart K). It will be a two-story</p>				

1. COMPONENT NSA/CSS DEFENSE	FY 2022 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAY 2021
3. INSTALLATION AND LOCATION FORT GEORGE G. MEADE, MARYLAND		4. PROJECT TITLE: MISSION OPERATIONS AND RECORDS CENTER INCREMENT 1	
5. PROGRAM ELEMENT	6. CATEGORY CODE 14169	7. PROJECT NUMBER 38440	8. PROJECT COST (\$000) 94,000
<p>reinforced concrete slab on grade and steel braced frame structure with administrative workspaces for records management and archival functions including office suites, flexible and shared workstations, a records processing center, conference rooms, historical collection spaces, breakrooms, lockers, and required building support spaces. The facility will also include a high-bay (30-foot), controlled humidity records and storage module with a cold storage room. The storage areas will have super-flat concrete floors, fixed shelving with integrated fire suppression systems, open storage and warehouse spaces for shipping and receiving, decontamination, records staging, packaging, forklift charging and records destruction. Administrative spaces will have raised access floors for distribution of electrical, telecommunications, security, and mechanical systems.</p> <p>Both facilities will be built to sensitive compartmented information facility (SCIF) standards, with redundant primary power and uninterruptable power supply (UPS) systems for mission critical systems. Construction estimates incorporate special costs associated with construction on a secure site, clearances for personnel, and labor inefficiencies associated with escort requirements.</p> <p>Facility physical security will conform to DOD anti-terrorism standards for buildings. Anti-terrorism force protection (ATFP) measures include access control systems, setbacks, blast resistant exterior, intrusion detection systems (IDS), progressive collapse requirements, and compliance with ATFP regulations. DoD principles for high performance and sustainable building requirements, to include life cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with applicable laws and Executive Orders. Mechanical systems will be selected through energy modeling and life cycle cost analysis (LCCA) with the goal of maximizing energy efficiency, while meeting the facility requirements.</p> <p>Supporting facilities include primary electric service and distribution, water, sewer and gas connections and services. Paved areas include road widening, reconfiguration, and modifications to existing roads and loading dock aprons will be included to modernize and improve the existing site traffic infrastructure. Storm drainage and low impact development will be provided with bio-retention and other storm water management features. Site improvements include fencing, landscaping, and upgrades for access control structures. Additional site improvement consists of curbs and gutters, walkways. Site preparation includes demolition of existing structures, standard clearing, grubbing, cut, fill, grading, and environmental protection structures. Secure communications infrastructure and cabling will be provided. Secure communications infrastructure and cabling will be provided.</p>			
<p>11. REQUIREMENT: 339,043 SF ADQT: 0 SF SUBSTD: 191,255 SF</p> <p><u>PROJECT:</u> Construct a mission support operations facility and a records center.</p> <p><u>REQUIREMENT:</u> These facilities are necessary to support mission operations and to further implement NSA's Recapitalization Plan. The NSA Recapitalization Plan calls for the phased replacement of aging facilities and leased spaces that have exceeded their service life and can no longer support the technology required for missions.</p> <p>The records center is required to provide a facility to store over 150,000 cubic feet of temporary and permanent classified and controlled access records in a NARA approved Records Center that meets all structural, environmental, life safety and records protection requirements. Proper handling and storage of federal records require secure, climate-controlled, high-bay storage with associated administration and handling functions meeting the NARA requirements.</p> <p><u>CURRENT SITUATION:</u> Mission critical activities that support the DOD and the nation are conducted in undersized, improperly configured, and technologically obsolescent facilities. New and emergent mission requirements are prevented from realizing their full potential due to inadequate space, improper configuration, poor condition, and obsolete systems. Existing facilities are being reconfigured and supplemented through a variety of re-purposed spaces. However, these efforts are limited because currently available facilities are inadequate to support mission critical activities.</p>			

1. COMPONENT NSA/CSS DEFENSE	FY 2022 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAY 2021
3. INSTALLATION AND LOCATION FORT GEORGE G. MEADE, MARYLAND		4. PROJECT TITLE: MISSION OPERATIONS AND RECORDS CENTER INCREMENT 1	
5. PROGRAM ELEMENT	6. CATEGORY CODE 14169	7. PROJECT NUMBER 38440	8. PROJECT COST (\$000) 94,000
<p>Records are currently stored in two separate facilities that were retrofitted approximately 40 years ago. These facilities were determined to be non-compliant with NARA Standards in 2005 and have exceeded their useful life and are slated for demolition beginning in 2020. The Agency has spent over \$50M to correct some of the deficiencies, but renovations cannot bring the existing facilities into compliance. No other facilities meet the requirements or would be cost-effective to retrofit.</p> <p>IMPACT IF NOT PROVIDED: NSA will continue to overburden existing facilities and infrastructure and continue to operate in a disjointed and inefficient mission configuration. Operating groups will continue to use a mix of antiquated spaces distributed across a wide area, impeding their ability to effectively operate, collaborate, and accomplish their mission. In addition, critical cryptologic and historic records will be subject to damage or loss if there is a fire, infestation, or other catastrophic event.</p>			
12. Supplemental Data:			
A. Estimated Execution Data:			
(1) Acquisition Strategy:		Design/Build	
(2) Design Data:			
(a) Design or Request for Proposal (RFP) Started:		APR 2020	
(b) Percent of Design Completed as of January 2021:		15%	
(c) Design or RFP Complete:		JUN 2021	
(d) Total Design Cost (\$000):		8,500	
(e) Energy Study and/or Life Cycle Analysis performed:		Yes	
(f) Standard or definitive design used:		No	
(3) Construction Data:			
(a) Contract Award:		JAN 2022	
(b) Construction Start:		JUL 2022	
(c) Construction Complete:		SEP 2025	
B. Equipment associated with this project which will be provided from other appropriations:			
Equipment Nomenclature	Procuring Appropriation	Cost (\$000)	
FF&E, Security, IT, AVVM	Future O&M Request	63,397	
C. Authorization and Appropriation Summary:			
	Authorization (\$000)	Auth of Approp (\$000)	Appro (\$000)
FY 2022 Request	299,000	94,000	94,000
Future Request	0	205,000	205,000
Total	299,000		299,000
Master Planning Office Telephone: (443) 634-4109			

DD FORM 1391, JUL 1999

PROJECT SPENDING PLAN FOR INCREMENTALLY FUNDED PROJECT							
PROJECT TITLE:		Mission Operations and Records Center (MORC)					
As Of:	1-May-21	FUNDING		OBLIGATIONS		OUTLAYS	
All costs in thousands (\$000)							
	Month-Year	Monthly	Cumulative	Monthly	Cumulative	Monthly	Cumulative
2022	Jan-22						
	Feb-22	\$ 94,000	\$ 94,000	\$ -	\$ -	\$ -	\$ -
	Mar-22	\$ -	\$ 94,000	\$ 94,000	\$ 94,000	\$ 2,340	\$ 2,340
	Apr-22	\$ -	\$ 94,000	\$ -	\$ 94,000	\$ 2,730	\$ 5,071
	May-22	\$ -	\$ 94,000	\$ -	\$ 94,000	\$ 4,039	\$ 9,109
	Jun-22	\$ -	\$ 94,000	\$ -	\$ 94,000	\$ 4,806	\$ 13,916
	Jul-22	\$ -	\$ 94,000	\$ -	\$ 94,000	\$ 6,244	\$ 20,159
	Aug-22	\$ -	\$ 94,000	\$ -	\$ 94,000	\$ 7,461	\$ 27,620
	Sep-22	\$ -	\$ 94,000	\$ -	\$ 94,000	\$ 5,954	\$ 33,574
	Oct-22	\$ -	\$ 94,000	\$ -	\$ 94,000	\$ 8,513	\$ 42,087
	Nov-22	\$ -	\$ 94,000	\$ -	\$ 94,000	\$ 8,736	\$ 50,823
	Dec-22	\$ -	\$ 94,000	\$ -	\$ 94,000	\$ 9,052	\$ 59,875
2023	Jan-23	\$ -	\$ 94,000	\$ -	\$ 94,000	\$ 7,897	\$ 67,771
	Feb-23	\$ -	\$ 94,000	\$ -	\$ 94,000	\$ 8,338	\$ 76,109
	Mar-23	\$ -	\$ 94,000	\$ -	\$ 94,000	\$ 8,942	\$ 85,051
	Apr-23	\$ -	\$ 94,000	\$ -	\$ 94,000	\$ 8,978	\$ 94,029



1. COMPONENT NSA/CSS DEFENSE		FY 2022 MILITARY CONSTRUCTION PROGRAM				2. DATE MAY 2021					
3. INSTALLATION AND LOCATION BUCKLEY AIR FORCE BASE, DENVER, COLORADO			4. COMMAND NSA/CSS			5. AREA CONSTRUCTION COST INDEX 0.99					
6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL	
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN		
b. AS OF 20170930										0	
b. END FY 2022										0	
7. INVENTORY DATA (\$000)											
a. TOTAL ACREAGE (acre)											0.00
b. INVENTORY TOTAL AS OF YYYYMMDD											0.00
c. AUTHORIZATION NOT YET IN INVENTORY											0.00
d. AUTHORIZATION REQUESTED IN THIS PROGRAM											20,000.00
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM											0.00
f. PLANNED IN NEXT THREE PROGRAM YEARS											0.00
g. REMAINING DEFICIENCY											0.00
h. GRAND TOTAL											20,000.00
8. PROJECTS REQUESTED IN THIS PROGRAM											
a. CATEGORY			b. COST (\$000)		c. DESIGN STATUS						
(1) CODE	(2) PROJECT TITLE		(3) SCOPE				(1) START	(2) COMPLETE			
171721	Joint Cryptologic Center Expansion		38,000 SF		20,000		SEP 2020	OCT 2021			
9. FUTURE PROJECTS											
N/A											
10. MISSION OR MAJOR FUNCTIONS											
The National Security Agency/Central Security Service (NSA/CSS) leads the U.S. Government in cryptology that encompasses both Signals Intelligence and Information Assurance products and services, and enables Computer Network Operations in order to gain a decision advantage for the Nation and our allies under all circumstances.											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES											
					(\$000)						
A. Air Pollution					0						
B. Water Pollution					0						
C. Occupational Safety and Health					0						

1. COMPONENT NSA/CSS DEFENSE	FY 2022 MILITARY CONSTRUCTION PROJECT DATA			2. Date MAY 2021
3. INSTALLATION AND LOCATION BUCKLEY AIR FORCE BASE, DENVER, COLORADO		4. PROJECT TITLE: JOINT CRYPTOLOGIC CENTER EXPANSION		
5. PROGRAM ELEMENT	6. CATEGORY CODE 17121	7. PROJECT NUMBER 40171	8. PROJECT COST (\$000) 20,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES</u>				
OPERATIONAL TRAINING FACILITY (CC 17121)	SF	38,000	\$ 383.00	15,566 (14,554)
CYBERSECURITY MEASURES	LS			(148)
OMSI	LS			(74)
INFORMATION SYSTEMS	LS			(250)
ANTI-TERRORISM/FORCE PROTECTION	LS			(250)
SUSTAINABILITY AND ENERGY FEATURES	LS			(290)
<u>SUPPORTING FACILITIES</u>				
ELECTRIC SERVICE	LS			2,409 (302)
WATER, SEWER, GAS	LS			(192)
PAVING, WALKS, CURBS AND GUTTERS	LS			(1,115)
STORM DRAINAGE	LS			(78)
SITE IMPROVEMENTS (145) DEMO (536)	LS			(681)
COMMUNICATIONS	LS			(41)
ESTIMATED CONTRACT COST				
CONTINGENCY (5.0%)				17,975 899
SUBTOTAL				
SUPERVISION, INSPECTION AND OVERHEAD (SIOH) (5.7%)				18,874 1,076
TOTAL REQUEST				
TOTAL REQUEST (ROUNDED)				
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				19,950 20,000 11,000
10. DESCRIPTION OF PROPOSED CONSTRUCTION:				
<p>Construct an operational training and administrative support facility to support the National Security Agency Colorado (NSAC) and Service Cryptologic Elements. The facility will include shared training and conference space, flexible administrative areas, storage and support spaces. The primary facility will be a two-story masonry structure constructed with a concrete slab-on-ground floor, load-bearing concrete masonry unit walls, and metal roof deck supported by steel joists. Facility related control systems include cybersecurity features in accordance with Department of Defense criteria.</p> <p>Physical security mitigation will be in accordance with DoD Minimum Anti-Terrorism Standards for Buildings. Facilities will be designed as permanent construction and in accordance with DoD standards for high performance and sustainable facilities will be included in design and construction of the facility in accordance with federal laws and Executive Orders. Life-cycle cost-effective practices, will be integrated into the design, development, and construction of the project to include energy consuming systems.</p> <p>Supporting facilities include connections to electric, water, sewer, and gas services. Asphalt parking, road pavement, and concrete walkway will be provided. Site work consists of landscaping (trees, shrubs, turf grass), storm drainage and other necessary site improvements to make a complete and usable facility. Low Impact Development (LID) including storm water management features are included. Demolition and disposal of known buried asbestos containing soil is required. Secure communications infrastructure and cabling will be provided.</p>				

1. COMPONENT NSA/CSS DEFENSE		FY 2022 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAY 2021	
3. INSTALLATION AND LOCATION BUCKLEY AIR FORCE BASE, DENVER, COLORADO			4. PROJECT TITLE: JOINT CRYPTOLOGIC CENTER EXPANSION		
5. PROGRAM ELEMENT		6. CATEGORY CODE 17121	7. PROJECT NUMBER 40171	8. PROJECT COST (\$000) 20,000	
11. REQUIREMENT: 38,000 SF		ADQT: 10,000 SF		SUBSTD: 4,400 SF	
<p><u>PROJECT:</u> Construct a new facility for the Joint Cryptologic Center to support technical training courses.</p> <p><u>REQUIREMENT:</u> National Security Agency requires dedicated facilities to conduct unclassified training and research within the Colorado Service Cryptologic Element region. The new building will accommodate increased demands for cutting-edge research, experimentation, exploration, and innovation. The unclassified capabilities will satisfy the training of service members awaiting adjudication of their security clearances and decrease the time required to achieve required readiness levels.</p> <p><u>CURRENT SITUATION:</u> Demand for unclassified training space has grown in the past year and the requirement for unclassified training space currently exceeds the available space at Buckley Air Force Base. This is coupled with training demands by other organizations that often command greater precedent when reserving facilities. The result is delayed training of personnel from a few weeks to several months. In attempts to offset the loss of training space, NSAC arranges to use other facilities on the base such as the chapel, gymnasium, learning center, or other similar facilities and a temporary trailer facility is being installed to address immediate requirements.</p> <p><u>IMPACT IF NOT PROVIDED:</u> NSAC will continue to be at risk of losing training opportunities due to high demand for Building 26. This is expected to worsen as the number of available classrooms is expected to decrease due to host re-purposing existing facilities and the number of personnel needing training will increase over the next three years. Delays in training will have mission impacts that include: lengthening the amount of time service members await adjudication for their security clearances; atrophy of personnel's skills from the inability to keep pace with advances in operational positions; not fulfilling requirements for language training; and impacting mission effectiveness from reduced readiness of service members.</p>					
12. Supplemental Data:					
A. Estimated Execution Data:					
(1) Acquisition Strategy:		Design/Bid/Build			
(2) Design Data:					
(a) Design or Request for Proposal (RFP) Started:		SEP 2020			
(b) Percent of Design Completed as of January 2021:		35%			
(c) Design or RFP Complete:		OCT 2021			
(d) Total Design Cost (\$000):		3,090			
(e) Energy Study and/or Life Cycle Analysis performed:		No			
(f) Standard or definitive design used:		No			
(3) Construction Data:					
(a) Contract Award:		APR 2022			
(b) Construction Start:		JUN 2022			
(c) Construction Complete:		JUN 2024			
B. Equipment associated with this project which will be provided from other appropriations:					
Equipment Nomenclature		Procuring Appropriation		Cost (\$000)	
FF&E, Security, IT, AVVM		Future O&M Request		11,000	
Master Planning Office Telephone: (443) 634-4109					

1. COMPONENT NSA/CSS DEFENSE		FY 2022 MILITARY CONSTRUCTION PROGRAM				2. DATE MAY 2021				
3. INSTALLATION AND LOCATION RAF MENWITH HILL, HARROGATE, UK			4. COMMAND NSA/CSS			5. AREA CONSTRUCTION COST INDEX 0.95				
6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
	b. AS OF 20170930									0
b. END FY 2022										0
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (acre)									0.00	
b. INVENTORY TOTAL AS OF YYYYMMDD									0.00	
c. AUTHORIZATION NOT YET IN INVENTORY									0.00	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM									20,000.00	
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM									0.00	
f. PLANNED IN NEXT THREE PROGRAM YEARS									0.00	
g. REMAINING DEFICIENCY									0.00	
h. GRAND TOTAL									20,000.00	
8. PROJECTS REQUESTED IN THIS PROGRAM										
a. CATEGORY				b. COST (\$000)		c. DESIGN STATUS				
(1) CODE	(2) PROJECT TITLE			(3) SCOPE				(1) START	(2) COMPLETE	
14113	RAFMH Main Gate Rehabilitation			8,912 SF		20,000		FEB 2018	SEP 2020	
9. FUTURE PROJECTS										
N/A										
10. MISSION OR MAJOR FUNCTIONS										
<p>The National Security Agency/Central Security Service (NSA/CSS) leads the U.S. Government in cryptology that encompasses both Signals Intelligence and Information Assurance products and services, and enables Computer Network Operations in order to gain a decision advantage for the Nation and our allies under all circumstances.</p>										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES										
										(\$000)
A. Air Pollution										0
B. Water Pollution										0
C. Occupational Safety and Health										0

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1. COMPONENT NSA/CSS DEFENSE		FY 2022 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAY 2021	
3. INSTALLATION AND LOCATION RAF MENWITH HILL, HARROGATE, UK			4. PROJECT TITLE: RAFMH MAIN GATE REHABILITATION		
5. PROGRAM ELEMENT		6. CATEGORY CODE 14113	7. PROJECT NUMBER 34490	8. PROJECT COST (\$000) 20,000	
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES</u>					8,418
ACCESS CONTROL FACILITY (CC 14113)		SF	5,715	\$ 1,180.00	(6,744)
OVERHEAD CANPOY (14179)		SF	3,197	\$ 160.50	(513)
ANTITERRORISM FORCE PROTECTION		LS			(1,016)
SUSTAINABILITY AND ENERGY FEATURES (2%)		LS			(145)
<u>SUPPORTING FACILITIES</u>					8,941
UTILITIES		LS			(823)
SITE PREPARATION		LS			(653)
ROADS, SIDEWALKS AND PARKING		LS			(6,512)
SITE IMPROVEMENTS (405) DEMOLITION (98)		LS			(503)
STORM WATER MANAGEMENT		LS			(450)
ESTIMATED CONTRACT COST					17,359
CONTINGENCY (5.0%)					868
SUBTOTAL					18,227
SUPERVISION, INSPECTION AND OVERHEAD (SIOH) (6.5%)					1,185
OTHER (DESIGN DURING CONSTRUCTION)					365
TOTAL REQUEST					19,777
TOTAL REQUEST (ROUNDED)					20,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS					2,000
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>Construct an entry control facility replacement at Royal Air Force Base (RAF) Menwith Hill, UK. Primary facility consists of an access control facility with vehicle inspection capability to include a registration office, guard booths, and overhead protection canopy. Physical security measures will comply with Antiterrorism/Force Protection (AT/FP) requirements to include fencing, gates, bollards and final denial barrier.</p> <p>Supporting facilities include electric, communication and sanitary utility connections. Site preparation includes clearing and grubbing, and grading. New vehicle approach, inspection and rejection roadways will be provided as well as parking areas and pedestrian sidewalks. Site improvements include fencing, site lighting, signage, pedestrian turnstiles, and site restoration of the construction area. Infrastructure for closed circuit surveillance and electronic security system equipment will also be provided. Demolition of existing guard booths and existing roads, curbs and gutter is required. Storm drainage will be provided.</p>					
11. REQUIREMENT: 5,715 SF ADQT: 0 SF SUBSTD: 4,735 SF					
<u>PROJECT:</u> Construct an access control facility.					
<u>REQUIREMENT:</u> This project is required to provide an entry control facility in compliance with AT/FP standards in the Unified Facilities Criteria for Entry Control Facilities. This project incorporates protective features in the access control facilities to mitigate vulnerabilities and terrorist threats.					

1. COMPONENT NSA/CSS DEFENSE		FY 2022 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAY 2021	
3. INSTALLATION AND LOCATION RAF MENWITH HILL, HARROGATE, UK			4. PROJECT TITLE: RAFMH MAIN GATE REHABILITATION		
5. PROGRAM ELEMENT		6. CATEGORY CODE 14113	7. PROJECT NUMBER 34490	8. PROJECT COST (\$000) 20,000	
<p><u>CURRENT SITUATION</u>: Physical security upgrades are required at the main gate entrance. There is inadequate vehicle queuing capacity resulting in frequent back-ups as well as increased risk for accidents due to insufficient stopping sight distance. Inadequate vehicle inspection and rejection lanes increase risk to security personnel. Pedestrians are required to cross vehicle traffic to access registration center.</p> <p><u>IMPACT IF NOT PROVIDED</u>: There will continue to be traffic impacts, delays and accidents due to back-ups at the gate from vehicle inspection and rejections. The workforce will continue to be at increased safety risk when accessing the registration facility.</p> <p><u>ADDITIONAL</u>: This project is in compliance with the installation master plan. An economic analysis has been prepared and utilized in the evaluation of this project. This project is the only feasible option to ensure the safety of the workforce and security forces, and to comply with ATFP requirements.</p>					
12. Supplemental Data:					
A. Estimated Execution Data:					
(1) Acquisition Strategy:		Design/Bid/Build			
(2) Design Data:					
(a) Design or Request for Proposal (RFP) Started:		FEB 2018			
(b) Percent of Design Completed as of January 2021:		100%			
(c) Design or RFP Complete:		SEP 2020			
(d) Total Design Cost (\$000):		826			
(e) Energy Study and/or Life Cycle Analysis performed:		No			
(f) Standard or definitive design used:		No			
(3) Construction Data:					
(a) Contract Award:		APR 2022			
(b) Construction Start:		JUL 2022			
(c) Construction Complete:		JUN 2023			
B. Equipment associated with this project which will be provided from other appropriations:					
Equipment Nomenclature		Procuring Appropriation		Cost (\$000)	
FF&E, Security, IT		Future O&M Request		2,000	
C. Authorization and Appropriation Summary:					
	Authorization (\$000)	Auth of Approp (\$000)	Appro (\$000)		
FY2018 Enacted	11,000	11,000	11,000		
Reallocated to 10 USC 2808 projects	-----	-----	(11,000)		
Cost Variation	9,000	-----	-----		
<u>FY 2022 Request</u>	0	20,000	20,000		
Total	20,000		20,000		