

**National Security Agency
FY 2021 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				
Ft. George G. Meade NSAW Recapitalization Building 3 Increment 3	-	250,000	C	98
Total	-	250,000		

1. COMPONENT NSA/CSS DEFENSE		FY 2021 MILITARY CONSTRUCTION PROGRAM					2. DATE (YYYY MMDD) February 2020				
3. INSTALLATION AND LOCATION Fort George G. Meade, Maryland				4. COMMAND NSA/CSS			5. AREA CONSTRUCTION COST INDEX .97				
6. PERSONNEL		(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF											0
b. END FY											0
7. INVENTORY DATA (\$000)											
a. TOTAL ACREAGE										0	
b. INVENTORY TOTAL AS OF 20180911										0.00	
c. AUTHORIZATION NOT YET IN INVENTORY										250,000.00	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM										0.00	
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										1,016,556.00	
f. PLANNED IN NEXT THREE PROGRAM YEARS										579,000.00	
g. REMAINING DEFICIENCY										0.00	
h. GRAND TOTAL										1,845,556.00	
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		
141-90	NSAW Recapitalization Building #3, Increment 3			a. 952,066 SF (bldg) b. 1,116,612 SF (parking)		250,000		Sept 2017	Aug 2018		
9. FUTURE PROJECTS											
BUILDING		CODE	SCOPE	COST (\$000)	DESIGN DATE	START	DESIGN DATE	END			
NSAW Mission Support Ops Facility (FY22)		141-69	335,000 SF	\$195,000	Apr-20		Apr-21				
NSAW Recap. Bldg #4, Increment 1 (FY22)		141-90	864,000 SF	\$154,000	Oct-19		Apr-21				
VCP5 (FY22)		141-13	2,900 SF	\$39,000	Oct-20		Dec-21				
NSAW Recap. Bldg #4, Increment 2 (FY23)		141-90	864,000 SF	\$348,556	Jan-20		Jan-21				
NSAW Records Center (FY23)		61-050	85,241 SF	\$98,000	Sep-19		Dec-20				
NSAW Recap. Bldg #4, Increment 3 (FY24)		141-90	864,000 SF	\$280,000	Jan-20		Jan-21				
NSAW Recap. Bldg #5, Increment 1 (FY24)		141-90	950,000 SF	\$94,000	Oct-21		Apr-23				
NSAW Recap. Bldg #5, Increment 2 (FY25)		141-90	950,000 SF	\$387,000	Oct-22		Apr-24				
10. MISSION OR MAJOR FUNCTIONS											
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 2021 MILITARY CONSTRUCTION PROJECT DATA			2. Date FEB 2020	
3. Installation and Location Ft. George G. Meade, Maryland				4. Project Title NSAW RECAPITALIZATION BUILDING 3, INCREMENT 3		
5. Program Element		6. Category Code 143-80	7. Project Number 35168	8. Project Cost (\$000) \$250,000		
9. Cost Estimates						
Item		U/M	Quantity	Unit Cost	Cost (\$000)	
PRIMARY FACILITIES					<u>644,063</u>	
Operations Building (141-90)		SF	952,066	541.08	(515,145)	
Parking Facility (852-18)		SF	1,116,612	69.27	(77,344)	
Operation and Maintenance Support Information (OMSI)		LS			(1,000)	
Antiterrorism/Force Protection		LS			(44,706)	
Sustainability and Energy Features		LS			(5,868)	
SUPPORTING FACILITIES					<u>20,831</u>	
Electrical & Communications Services		LS			(8,735)	
Site Utilities		LS			(875)	
Paving, Walks, and Roadways		LS			(6,772)	
Site Improvements		LS			(3,915)	
Site Anti-Terrorism/Force Protection		LS			(534)	
ESTIMATED CONTRACT COST					664,894	
Contingency (5.0%)					33,245	
SUBTOTAL					698,139	
SIOH (5.7%)					39,794	
Design/Build (4%)					26,596	
Design During Construction					10,471	
Total Project Request					775,000	
TOTAL PROJECT COST					775,000	
Equipment from other appropriations					221,300	
<p>10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct a command, control, communications, computers and intelligence (C4I) Operations facility. The project will provide office space, support space, equipment and communications space, maintenance spaces, limited storage space and include a parking facility for staff and visitors.</p> <p>The technical and operational mission requirements will require that it contain a Sensitive Compartmented Information Facility (SCIF), uninterruptable power system (UPS), connection to existing emergency generators and Telecommunications Electronics Material Protected from Emanating Spurious Transmissions (TEMPEST) protection. The office areas will include open flexible office seating, collaborative multi-discipline work spaces, administrative and conference areas. An intelligence operations suite, auditorium, cafeteria, and multi-purpose innovation spaces will be provided.</p> <p>The project consists of core and shell structure and foundations; elevator conveyance systems; electrical/mechanical service and distribution components and systems; fire protection, alarm and suppression; 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 control and communications.</p> <p>A parking structure will be constructed to provide new parking spaces for staff and visitors.</p>						

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<p>Construction estimates include costs associated with construction on a controlled access site, clearances for personnel, labor inefficiencies associated with escort requirements, and other daily processes at NSA. Escorts are required for positive control of access to primary and secondary utilities, which service other critical NSA facilities.</p> <p>Physical Security mitigation will be in accordance with DoD Minimum Anti-Terrorism Standards for Buildings. Anti-Terrorism/Force Protection (AT/FP) features will include facility access control, setbacks, blast resistant exterior, Intrusion Detection Systems (IDS), and progressive collapse requirements, and comply with AT/FP regulations. Department of Defense principles for high performance and sustainable building requirements will be included in design and construction of the project in accordance with federal laws and Executive Orders.</p> <p>The supporting facilities include primary electrical service and distribution, standby generators and secure communications infrastructure and cabling. Additional site utilities include water, sewer, gas connection/services from utility providers, and storm drainage systems.</p> <p>New road construction, and realignment, widening and modifications to existing roads will be provided to connect to existing traffic infrastructure. Additional site improvements consist of walkways, courtyards, landscaping and Low Impact Development (LID) to include storm water management features. Additional site AT/FP measures will include fencing, road improvements and electronic security systems to extend secure perimeter and surveillance capabilities.</p> <p>11. REQUIREMENT: 141-90: 952,066 GSF SUBSTANDARD: 0 GSF ADEQUATE: 0 GSF 852-18: 1,116,612 GSF SUBSTANDARD: 0 GSF ADEQUATE: 0 GSF</p> <p>PROJECT: Construct the third in a series of command, control, communications, computers and intelligence (C4I) operations buildings and structured parking facility (Current Mission).</p> <p>REQUIREMENT: The National Security Agency (NSA) requires a safe and effective environment to provide mission critical facilities services to civilians and active duty service members that allows for the rapid deployment of signals intelligence (SIGINT) products and services to policy makers and military commanders. The new facility will provide reliable, modern and flexible infrastructure to support future technological requirements and reduce energy consumption through improved building and system efficiencies.</p> <p>CURRENT SITUATION: The existing operations at Fort Meade are located in facilities constructed over 50 years ago and is not conducive to the delivery of mission critical intelligence and operations requirements. The existing facilities have insufficient space and services to support the full range of required missions, resulting in the dispersion of personnel into various functionally obsolete facilities or leased facilities. The main operations and headquarters building suffer from condition and configuration constraints that do not have the power and cooling infrastructure capability to support mission critical activities.</p> <p>IMPACT IF NOT PROVIDED: There will be increased risk of mission critical failures as the modern communications equipment, computers and intelligence requirements overburden the existing facilities and infrastructure that is beyond its useful life.</p>			

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12. SUPPLEMENTAL DATA

A. Estimated Execution Data

(1) Acquisition Strategy	Design/Build
(2) Design Data	
(a) Design or Request for Proposal (RFP) started:	Sep 2017
(b) Percent of Design Completed as of Jan 2018(BY-1)	15%
(c) Design or RFP Complete date:	Aug 2018
(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:	Feb 2019
(b) Construction Start:	Aug 2019
(c) Construction Complete:	Feb 2023

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

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost (\$000)
IT, AV, Security, & Equipment	O&M	FY2022	24,000
IT, AV, Security, Equipment & Furniture	O&M	FY2023	129,000
IT, AV, Security, & Equipment	O&M	FY2024	34,300
IT, AV, Security, & Equipment	O&M	FY2025	34,000

C. Funding Profile:

Authorization	
FY2019:	\$775,000,000
Appropriation	
FY2019 Increment 1:	\$99,000,000
FY2020 Increment 2:	\$426,000,000
FY2021 Increment 3:	\$250,000,000
TOTAL	\$775,000,000

PROJECT SPENDING PLAN FOR INCREMENTALLY FUNDED PROJECT

PROJECT: East Campus Building 3 (ECB3)

As Of: 5-Dec-17

All costs in thousands (\$000)

		FUNDING (Note 1)		OBLIGATIONS (Note 2)		OUTLAYS (Note 3)	
Quarter	Monthly	Cumulative	Monthly	Cumulative	Monthly	Cumulative	
2019	Q1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Q2	\$ 99,000	\$ 99,000	\$ -	\$ -	\$ -	\$ -
	Q3	\$ -	\$ 99,000	\$ 85,000	\$ 85,000	\$ 20,000	\$ 20,000
	Q4	\$ -	\$ 99,000	\$ 14,000	\$ 99,000	\$ 35,000	\$ 55,000
2020	Q1	\$ 426,000	\$ 525,000	\$ 400,000	\$ 499,000	\$ 70,000	\$ 125,000
	Q2	\$ -	\$ 525,000	\$ 26,000	\$ 525,000	\$ 90,000	\$ 215,000
	Q3	\$ -	\$ 525,000	\$ -	\$ 525,000	\$ 100,000	\$ 315,000
	Q4	\$ -	\$ 525,000	\$ -	\$ 525,000	\$ 95,000	\$ 410,000
2021	Q1	\$ 250,000	\$ 775,000	\$ 200,000	\$ 725,000	\$ 95,000	\$ 505,000
	Q2	\$ -	\$ 775,000	\$ 50,000	\$ 775,000	\$ 90,000	\$ 595,000
	Q3	\$ -	\$ 775,000	\$ -	\$ 775,000	\$ 60,000	\$ 655,000
	Q4	\$ -	\$ 775,000	\$ -	\$ 775,000	\$ 55,000	\$ 710,000
2022	Q1	\$ -	\$ 775,000	\$ -	\$ 775,000	\$ 25,000	\$ 735,000
	Q2	\$ -	\$ 775,000	\$ -	\$ 775,000	\$ 20,000	\$ 755,000
	Q3	\$ -	\$ 775,000	\$ -	\$ 775,000	\$ 15,000	\$ 770,000
	Q4	\$ -	\$ 775,000	\$ -	\$ 775,000	\$ 5,000	\$ 775,000

Incremental Funding Profile:			Cumulative:
Incr 1	FY19	\$ 99,000	\$ 99,000
Incr 2	FY20	\$ 426,000	\$ 525,000
Incr 3	FY21	\$ 250,000	\$ 775,000

