

**National Security Agency  
FY 2018 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>
<b>Hawaii</b>				
Kunia NSAH Kunia Tunnel Entrance	5,000	5,000	N	126
<b>Maryland</b>				
Ft. Meade NSAW Recapitalization Building #2, Increment 3	-	313,968	C	129
<b>United Kingdom</b>				
Menwith Hill Station RAF Main Gate Rehabilitation	11,000	11,000	N	135
<b>Total</b>	<b>16,000</b>	<b>329,968</b>		

<b>1. COMPONENT</b> NSA/CSS DEFENSE		<b>FY 2018 MILITARY CONSTRUCTION PROGRAM</b>					<b>2. DATE (YYYYMMDD)</b> May 2017				
<b>3. INSTALLATION AND LOCATION</b> Kunia, Hawaii				<b>4. COMMAND</b> NSA/CSS			<b>5. AREA CONSTRUCTION COST INDEX</b> 2.20				
<b>6. PERSONNEL</b> ///CLASSIFIED///		<b>(1) PERMANENT</b>			<b>(2) STUDENTS</b>			<b>(3) SUPPORTED</b>			<b>(4) TOTAL</b>
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF											0
b. END FY											0
<b>7. INVENTORY DATA (\$000)</b>											
a. TOTAL ACREAGE										0.00	
b. INVENTORY TOTAL AS OF 2017										0.00	
c. AUTHORIZATION NOT YET IN INVENTORY										0.00	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM										5,000.00	
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										5,000.00	
<b>8. PROJECTS REQUESTED IN THIS PROGRAM</b>											
a. CATEGORY					b. COST (\$000)		c. DESIGN STATUS				
(1) CODE	(2) PROJECT TITLE			(3) SCOPE			(1) START	(2) COMPLETE			
81242 85220 87210	NSAH Kunia Tunnel Entrance					5,000	June 2017	April 2018			
<b>9. FUTURE PROJECTS</b>											
CATCODE		Project Name (FY##)		a. ### SF (Scope of) Occupied Bldgs.,				Cost (\$000)			
				b. ### SF (Scope of other structures) Pkg Structure							
<b>10. MISSION OR MAJOR FUNCTIONS</b>											
<p>The National Security Agency/Central Security Service (NSA/CSS) leads the U.S. Government in cryptology that encompasses both Signals Intelligence (SIGINT) and Information Assurance (IA) products and services, and enables Computer Network Operations (CNO) in order to gain a decision advantage for the Nation and our allies under all circumstances.</p>											
<b>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES</b>											
										(\$000)	
A. Air Pollution										0	
B. Water Pollution										0	
C. Occupational Safety and Health										0	

<b>1. Component</b> NSA/CSS DEFENSE		<b>FY 2018 MILITARY CONSTRUCTION PROJECT DATA</b>		<b>2. Date</b> May 2017	
<b>3. Installation and Location</b> KUNIA, HAWAII			<b>4. Project Title</b> NSAH KUNIA TUNNEL ENTRANCE		
<b>5. Program Element</b>	<b>6. Category Code</b> 81242	<b>7. Project Number</b> 30439	<b>8. Project Cost (\$000)</b> \$5,000		
<b>9. Cost Estimates</b>					
<b>Item</b>		<b>U/M</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Cost (\$000)</b>
<b>Primary Facilities</b>					<b><u>2,937</u></b>
Structures (81242)		LS			(400)
Anti-Terrorism/Force Protection/Security Fencing (87210)		LS			(1,511)
Pathway (85220)		SY	1389	547	(760)
Site Development Energy and Sustainability (2%)					(220)
					(46)
<b>Supporting Facilities</b>					<b><u>1,334</u></b>
Electrical Services					(821)
Storm Drainage		LS			(10)
Site Improvement/Demolition		LS			(50)
Paving, Walks, Curbing, & Roadways		LS			(423)
Anti-Terrorism/Force Protection		LS			(30)
<b>Total Construction Cost</b>					<b><u>4,271</u></b>
Contingency (5%)					214
<b>Subtotal</b>					<b><u>4,485</u></b>
SIOH (6.5%)					292
Design During Construction (DDC) (Title II Services) (2%)					90
<b>Total Project Cost Rounded</b>					<b><u>5,000</u></b>
Estimate Other Appropriations					325
<p><b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b> To provide upgrades to NSAH Kunia's access control facility with the required physical security, Anti-Terrorism/Force Protection (AT/FP) design criteria, and Americans with Disability Act (ADA) standards. This project shall reduce vehicular/pedestrian conflict and enhance security around the perimeter of the tunnel's entrance. In addition, this project shall improve the exterior egress pathway for emergency evacuation from the NSAH Kunia tunnel to meet all state and Federal safety requirements. Supporting Facilities include site development, roadway restoration, parking restoration, lighting, perimeter security fencing, walking path, parking, storm drainage, and earthwork.</p>					
<p><b>11. REQUIREMENT:</b> Upgrade main gate      <b>SUBSTANDARD:</b> None      <b>ADEQUATE:</b> None</p> <p><b>PROJECT:</b> To upgrade the access control facility at NSAH Kunia and associated infrastructure supporting the security envelope surrounding the tunnel's entrance.</p> <p><b>REQUIREMENT:</b> Department of Defense (DoD) instruction 2000.12 stipulates that each military service will ensure that protective features be incorporate into planning, design, and execution of all facility construction to mitigate vulnerabilities and terrorist threats. This project shall include but is not limited to Intrusion detection system, traffic signaling devices, security fencing, sally ports, vertical turnstiles, guard booths, canopy, security cameras, anti-ram vehicle barriers, and final denial barrier. This project shall include the installation of an illuminated evacuation route for safe pedestrian passage in the event of an emergency as required per the National Fire Protection Association (NFPA) 101.</p>					

<b>1. Component</b> NSA/CSS DEFENSE	<b>FY 2018 MILITARY CONSTRUCTION PROJECT DATA</b>		<b>2. Date</b> May 2017
<b>3. Installation and Location</b> KUNIA, HAWAII		<b>4. Project Title</b> NSAH KUNIA TUNNEL ENTRANCE	
<b>5. Program Element</b>	<b>6. Category Code</b> 81242	<b>7. Project Number</b> 30439	<b>8. Project Cost (\$000)</b> \$5,000
<p><u><b>CURRENT SITUATION:</b></u> The current entrance to the NSAH Kunia facility requires physical security upgrades in order to ensure the health and safety of NSAH Kunia workforce while preventing the degradation of mission performance. There is an anticipated increase in the number of personnel at NSAH Kunia site and the current roadway is insufficiently designed to meet the site's expected population growth. Utilizing the existing roadway may lead to increased gridlock and potentially increase the number of traffic accidents. The existing egress path from the tunnel possess numerous safety hazards for the workforce traveling the path during an emergency event. The insufficient pathway lighting coupled with an uneven dirt path significantly affects the occupant's ability to travel the half mile safely to the designated assembly areas.</p> <p><u><b>IMPACT IF NOT PROVIDED:</b></u> If this project is not provided, the entrance to NSAH Kunia tunnel shall continue to operate but will fail to meet the requirements. The entrance does not meet the current requirement for the physical security entrance. It fails to avoid the vehicular and pedestrian conflict, as well as, the path serves as an emergency evacuation route but the unevenness of the terrain provides difficulties for the workforce and is not ASA compliant. Failure to perform this project will continue to be a hazard to the life and safety of the workforce.</p> <p><u><b>ADDITIONAL:</b></u> An economic analysis of this project has been conducted. This effort has been properly coordinated with the site physical security and all required AT/FP measures have been included. In order to ensure optimum mission performance while protecting the employees at NSAH from unauthorized visitors attempting to gain access to the site, executing the project is the only feasible option.</p>			
<b>12. SUPPLEMENTAL DATA:</b>			
1. Status			
(a) Design Start		June 2017	
(b) Design 35% Complete		October 2017	
(c) Design Complete:		April 2018	
(d) Type of Contract:		Design/Bid/Build	
2. Basis			
(a) Standard of Definitive Design			
(b) Where design was most recently used: N/A			
3. Total Cost I = (a) + (b) or (d) + (e) (\$000)			
(a) Production of plans and specifications		\$1,300	
(b) All other design costs		\$0	
(c) Total design cost I = (a) + (b) or (d) + (e)		\$1,300	
(d) Contract		\$0	
(e) In house		\$0	
4. Construction Contract Award:		July 2018	
5. Construction Start Date:		September 2018	
6. Construction Completion Date:		November 2019	

<b>1. COMPONENT</b> NSA/CSS DEFENSE	<b>FY 2018 MILITARY CONSTRUCTION PROGRAM</b>					<b>2. DATE (YYYYMMDD)</b> May 2017					
<b>3. INSTALLATION AND LOCATION</b> FT. GEORGE G. MEADE, MARYLAND			<b>4. COMMAND</b> NSA/CSS			<b>5. AREA CONSTRUCTION COST INDEX</b> 0.97					
<b>6. PERSONNEL</b> ///CLASSIFIED///	(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	
<b>7. INVENTORY DATA (\$000)</b>											
a. TOTAL ACREAGE										0.00	
b. INVENTORY TOTAL AS OF 2017										0.00	
c. AUTHORIZATION NOT YET IN INVENTORY										0.00	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM										313,968.00	
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										359,123.00	
f. PLANNED IN NEXT THREE PROGRAM YEARS										1,168,000.00	
g. REMAINING DEFICIENCY										0.00	
h. GRAND TOTAL										1,841,091.00	
<b>8. PROJECTS REQUESTED IN THIS PROGRAM</b>											
a. CATEGORY				b. COST (\$000)		c. DESIGN STATUS					
(1) CODE	(2) PROJECT TITLE		(3) SCOPE			(1) START		(2) COMPLETE			
14162	Recapitalization Building #2, Increment 3		a. 826,114 SF Occupied Bldgs. b. 1,121,000 SF Pkg Structure C. 72,268 SF Mechanical Plant			313,968		May 2014		Jan 2016	
<b>9. FUTURE PROJECTS</b>											
<u>CATCODE</u>	<u>Project Name (FY##)</u>		<u>a. ### SF (Scope of) Occupied Bldgs.,</u>				<u>Cost (\$000)</u>				
			<u>b. ### SF (Scope of other structures) Pkg Structure</u>								
14162	Recapitalization Building 2, Increment 4 (FY 19)		a. 826,114 SF Occupied Bldg. b. 1,121,000 SF Pkg. Structure c. 72,269 SF Mechanical Plant				238,000				
14162	Recapitalization Building 3, Increment 1 (FY19)		a. 855,000 SF Occupied Bldg.				99,000				
13185	Recapitalization Building 3A, Increment 1 (FY19)		a. 545,000 SF Occupied Bldg.				22,123				
14162	Recapitalization Building 3, Increment 2 (FY20)		a. 855,000 SF Occupied Bldg.				229,000				
13185	Recapitalization Building 3A, Increment 2 (FY20)		a. 545,000 SF Occupied Bldg.				209,000				
14162	Recapitalization Building 3, Increment 3 (FY 21)		a. 855,000 SF Occupied Bldg.				224,000				
13185	Recapitalization Building 3A, Increment 3 (FY 21)		a. 545,000 SF Occupied Bldg.				104,000				
14162	Recapitalization Building 3, Increment 4 (FY 22)		a. 855,000 SF Occupied Bldg.				223,000				
14113	Access Control Facility (ACF) (FY 22)						25,000				
14162	Vehicle Control Inspection Facility (VCIF) (FY 22)						55,000				
14162	Recapitalization Building 4, Increment 1 (FY 22)		a. 800,000 SF Occupied Bldg.				99,000				
<b>10. MISSION OR MAJOR FUNCTIONS</b>											
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<b>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES</b>											
										(\$000)	
A. Air Pollution										0	
B. Water Pollution										0	
C. Occupational Safety and Health										0	

<b>1. Component</b> NSA/CSS DEFENSE		<b>FY 2018 MILITARY CONSTRUCTION PROJECT DATA</b>		<b>2. Date</b> May 2017	
<b>3. Installation and Location</b> Ft. George G. Meade, Maryland			<b>4. Project Title</b> NSAW RECAPITALIZATION BUILDING 2, INCREMENT 3		
<b>5. Program Element</b>		<b>6. Category Code</b> 14162	<b>7. Project Number</b> 30583	<b>8. Project Cost (\$000) :</b> FY 18: 313,968	
<b>9. Cost Estimates</b>					
<b>Item</b>		<b>U/M</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Cost</b>
<b>PRIMARY FACILITIES</b>					<b><u>627,951</u></b>
NSAW Recapitalization Building #2					
Operations Building		SF	826,114	538.02	(444,466)
Parking Garage		SF	1,121,000	83.19	(93,260)
Mechanical Plant		SF	72,268	726.80	(52,525)
OMSI Costs		LS			(1,000)
Sustainability and EAct05 (2%)		LS			(11,850)
Antiterrorism/Force Protection		LS			(24,850)
<b>SUPPORTING FACILITIES</b>					<b><u>39,053</u></b>
Electrical Service and Generation		LS			(21,808)
Water, Chilled Water, Reclaimed Water and Sewer		LS			(2,628)
Paving, Walks, Curbs and Gutters and Roadways		LS			(5,439)
Storm Drainage		LS			(2,834)
Site Improvements and Demolition		LS			(4,255)
Information Systems Ductbank		LS			(1,061)
Antiterrorism/Force Protection		LS			(1,029)
<b>Design-Build Design Cost @ 4%</b>		LS			<b><u>27,750</u></b>
Estimated Contract Cost					<b><u>694,754</u></b>
Contingency (5.0%)					34,738
<b>SUBTOTAL</b>					<b><u>729,491</u></b>
SIOH (5.7%)					41,581
Design During Construction (1.5%)					10,942
Total Project Request					782,015
<b><u>TOTAL PROJECT COST</u></b>					<b><u>782,332</u></b>
<b>Equipment from other appropriations</b>					<b>196,000*</b>
*Number has changed due to adjustments.					
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b> Construct a new Operations Facility of approximately 898,382 GSF for approximately 3,000 personnel including supporting facilities with associated site work and environmental measures. The facility will be built on the National Security (NSA) East Campus at Fort George G. Meade, MD. The FY16 authorized amount represents the entire funding required to execute this MILCON project. The FY18 appropriation represents the third increment of a four part funding profile.					
The general scope of work for the project consists of the following:					
The primary facility will be comprised of a multi-story structure with full basement. The facility includes open office areas and operations floor, analyst /planner collaboration areas, cafeteria and other operations. The mission support areas provide joint staff offices, executive offices, machine rooms, storage, and meeting rooms.					
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. The primary facility is not a standard design. The entire structure will be built to Sensitive Compartmented Information Facility (SCIF) standards. Project includes redundant primary power and Uninterruptable Power Supply (UPS) systems to ensure continuity of operations. This project requires comprehensive interior design.					

<b>1. Component</b> NSA/CSS DEFENSE	<b>FY 2018 MILITARY CONSTRUCTION PROJECT DATA</b>		<b>2. Date</b> May 2017
<b>3. Installation and Location</b> Ft. George G. Meade, Maryland		<b>4. Project Title</b> NSAW RECAPITALIZATION BUILDING 2, INCREMENT 3	
<b>5. Program Element</b>	<b>6. Category Code</b> 14162	<b>7. Project Number</b> 30583	<b>8. Project Cost (\$000)</b>  FY18: \$313,968
<p>Site infrastructure will include primary electrical service to the site, water, sewer, and telecommunications pathways. The supporting facilities include, site preparation and infrastructure improvements, utility services, and perimeter security measures. Site preparation will include standard clearing, grubbing, cut, fill, grading and environmental protection structures. Additional site work consists of curb and gutter, walkways, patios and roads. Utility site construction will provide emergency backup power generation and cooling equipment. Perimeter security construction will extend existing perimeter fence line and surveillance capabilities.</p> <p>Provide approximately 3,000 new parking spaces for staff and visitors by expanding an existing parking structure and an additional 500 spaces in a surface lot. The 500 space surface lot is required due to transplanting parking spaces required for ECB1, JOC and ECB-MC projects.</p> <p>Since the project is located on an active East Campus development site, close coordination with multiple concurrent MILCON project activities will be necessary to allow continuous, uninterrupted use of the site during construction and to ensure contractor lay-down areas and access are maintained and boundaries secured.</p> <p>This project will require road improvements to the NSAW Campus in support of increased personnel on East Campus due to East Campus Building 2. Improvements shall follow standards, guidelines, regulations and best practices as identified by Maryland State Highway Administration (SHA), the Manual on Uniform Traffic Control Devices (MUTCD), and the American Association of State Highway and Transportation Officials (AASHTO).</p> <p>This project will include storm water management facilities in compliance with Maryland Department of the Environment requirements for Environmental Site Design, as well as EISA Section 438.</p> <p>This project will include sustainable features cost effectively integrated to meet, at minimum Leadership in Energy and Environmental Design (LEED) Green Building Council rating system Silver-certified level requirements.</p> <p>This project will be designed in accordance with, but not limited to, Architecture Barriers Act (ABA) Requirements and AT/FP Standards. Unified Facilities Criteria (UFC) will be an integral part of design consideration. This project is to be compliant with the current version of the MD Procurement Office (MPO) Facilities Engineering Design Standards (FEDS), and the latest version of the East Campus Installation Design Guidelines (IDG).</p>			

<b>1. Component</b> NSA/CSS DEFENSE	<b>FY 2018 MILITARY CONSTRUCTION PROJECT DATA</b>		<b>2. Date</b> May 2017
<b>3. Installation and Location</b> Ft. George G. Meade, Maryland		<b>4. Project Title</b> NSAW RECAPITALIZATION BUILDING 2, INCREMENT 3	
<b>5. Program Element</b>	<b>6. Category Code</b> 14162	<b>7. Project Number</b> 30583	<b>8. Project Cost (\$000)</b>  FY18: \$313,968
<p>11. REQUIREMENT: New: Approximately 898,382 GSF Operations Building (and associated mechanical plant) and 1,121,000 SF Parking Structure ADEQUATE: None SUBSTANDARD: None</p> <p>PROJECT: Construct multi-story operations facility and structured parking facility (Current Mission).</p> <p>REQUIREMENT: This facility is necessary to provide an environment 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 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.</p> <p>This facility will incorporate new technologies and processes that will generate beneficial synergies through integration and collaboration. Through 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. To meet these demands in a wholly independent manner and with required levels of capacity and reliability, critical infrastructure will be constructed to provide redundancy.</p> <p>CURRENT SITUATION: Currently, activities in support of both the DoD and the nation are conducted individually in an NSA-centric structure. Network operations are prevented from realizing the full potential of the collaborative, cohesive work environments required for this initiative. To meet the immediate need, existing facilities are being reconfigured and supplemented through leased space. However, these efforts are limited by the availability of facilities with suitable locations, adequate AT/FP profiles, and power and cooling infrastructure capable of supporting mission critical activities.</p> <p>IMPACT IF NOT PROVIDED: If this facility is not funded, NSA will continue to overburden existing facilities and infrastructure impeding the ability to effectively operate and meet its mission.</p> <p>ADDITIONAL: The project has been coordinated with the installation facilities master plan and physical security plan. It complies with all required physical security and/or anti-terrorism measures. All required and anticipated physical security and antiterrorism protection measures are included. An Environmental Assessment has been completed that leverages the completed Environmental Impact Study for the NSA campus. Alternative methods of meeting requirements have been explored during the development of this project. An economic analysis has been prepared for this project and utilized in evaluating this project and determined this project to be the only viable option to satisfy the requirement. 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. Storm water management to mitigate environmental impact per EIS requirements are included. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c), and other applicable laws and Executive Orders. Facility will be designed and certified to LEED-NC Silver under USGBC LEED v3 2009. This project is to be compliant with the current version of NSA's, Facilities Engineering Design Standards (FEDS).</p>			



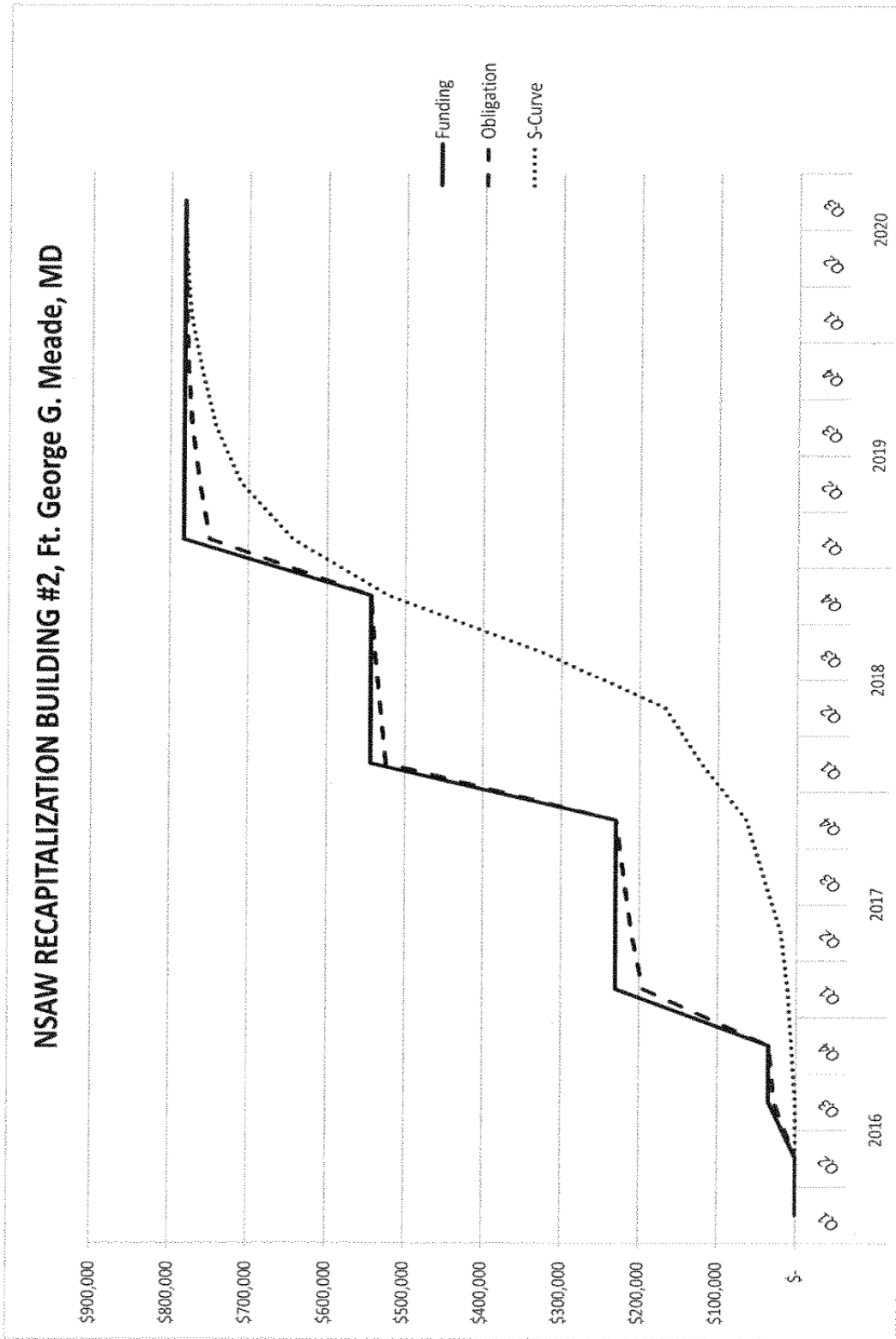
<b>1. Component</b> NSA/CSS DEFENSE	<b>FY 2018 MILITARY CONSTRUCTION PROJECT DATA</b>		<b>2. Date</b> May 2017
<b>3. Installation and Location</b> Ft. George G. Meade, Maryland		<b>4. Project Title</b> NSAW RECAPITALIZATION BUILDING #2, INCREMENT 3	
<b>5. Program Element</b>	<b>6. Category Code</b> 14162	<b>7. Project Number</b> 30583	<b>8. Project Cost (\$000)</b>  FY18: \$313,968

## 12. SUPPLEMENTAL DATA:

1. Status
  - A. Design start date: May 2014
  - B. Percent complete as of 22 DEC 2014: 15%
  - C. Type of design contract: Design/Build
2. Basis
  - A. Standard or definitive design: No
  - B. Where design was most recently used: N/A
  - C. Percentage of design utilizing standard design: N/A
3. Total Cost €= (a) + (b) or (d) + €(\$000)
  - (a) Production of plans and specs: \$31,450
    - (i) Design Build RFP – P&D \$3,700
    - (ii) Design Build Design – MILCON \$27,750
  - (b) All other design cost: \$0
  - € Total design cost €= (a) + (b) OR (d) + € \$31,450
  - (d) Contract Architect-Engineer Design Cost, Estimated \$31,450
  - € In-house Design Cost Plus Architect Engineer  
Contract Supervision and Administration Cost \
  - Government Forces Design Cost, Estimated \$0
  - \$0
- a. Construction Contract Award: July 2016
- b. Construction Start Date: Sept. 2016
- c. Construction Completion Date: Sept. 2020

## Additional Information:

- FY16 Increment 1: \$34,897
- FY17 Increment 2: \$195,000
- FY18 Increment 3: \$313,968
- FY19 Increment 4: \$238,000



<b>1. COMPONENT</b> NSA/CSS DEFENSE		<b>FY 2018 MILITARY CONSTRUCTION PROGRAM</b>					<b>2. DATE (YYYYMMDD)</b> May 2017				
<b>3. INSTALLATION AND LOCATION</b> RAF Menwith Hill, UK				<b>4. COMMAND</b> NSA/CSS			<b>5. AREA CONTRUCTION COST INDEX</b> 1.09				
<b>6. PERSONNEL</b> ///CLASSIFIED///		<b>(1) PERMANENT</b>			<b>(2) STUDENTS</b>			<b>(3) SUPPORTED</b>			<b>(4) TOTAL</b>
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF											0
b. END FY											0
<b>7. INVENTORY DATA (\$000)</b>											
a. TOTAL ACREAGE										0.00	
b. INVENTORY TOTAL AS OF 2017										0.00	
c. AUTHORIZATION NOT YET IN INVENTORY										0.00	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM										11,000.00	
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										11,000.00	
<b>8. PROJECTS REQUESTED IN THIS PROGRAM</b>											
<b>a. CATEGORY</b>				<b>b. COST (\$000)</b>		<b>c. DESIGN STATUS</b>					
<b>(1) CODE</b>	<b>(2) PROJECT TITLE</b>			<b>(3) SCOPE</b>		<b>(1) START</b>	<b>(2) COMPLETE</b>				
14113	RAFMH Main Gate Rehabilitation					11,000	Jan 2017	JUN 2018			
<b>9. FUTURE PROJECTS</b>											
<u>CATCODE</u>	<u>Project Name (FY##)</u>			<u>a. ### SF (Scope of) Occupied Bldgs.,</u>				<u>Cost (\$000)</u>			
				<u>b. ### SF (Scope of other structures) Pkg Structure</u>							
<b>10. MISSION OR MAJOR FUNCTIONS</b>											
The National Security Agency/Central Security Service (NSA/CSS) leads the U.S. Government in cryptology that encompasses both Signals Intelligence (SIGINT) and Information Assurance (IA) products and services, and enables Computer Network Operations (CNO) in order to gain a decision advantage for the Nation and our allies under all circumstances.											
<b>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES</b>											
										(\$000)	
A. Air Pollution										0	
B. Water Pollution										0	
C. Occupational Safety and Health										0	

<b>1. Component</b> NSA/CSS DEFENSE		<b>FY 2018 MILITARY CONSTRUCTION PROJECT DATA</b>			<b>2. Date</b> May 2017		
<b>3. Installation and Location</b> RAF MENWITH HILL, UNITED KINGDOM				<b>4. Project Title</b> RAFMH MAIN GATE REHABILITATION			
<b>5. Program Element</b>		<b>6. Category Code</b> 14113	<b>7. Project Number</b> 34490	<b>8. Project Cost (\$000)</b> \$11,000			
<b>9. Cost Estimates</b>							
<b>Item</b>				<b>U/M</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Cost</b>
<b>Primary Facilities</b>							<b><u>5,011</u></b>
Structures				LS			(815)
Site Development & Security Features				LS			(3,550)
Drainage				LS			(125)
Shoulder/Approach Zone				LS			(450)
Energy and Sustainability (2%)				LS			(71)
<b>Supporting Facilities</b>				LS			<b><u>4,045</u></b>
Electrical, Mechanical Systems				LS			(710)
Hard Paving				LS			(1,635)
Landscaping				LS			(175)
Site Improvements/Demo				LS			(1525)
Design/Build (4%)				LS			<b>363</b>
<b>Total Construction Cost</b>							<b><u>9,419</u></b>
Contingency (5%)							471
<b>Subtotal</b>							<b><u>9,890</u></b>
SIOH (6.5%)							643
Design During Construction (DDC) (Title II Services) (2%)							198
Total Project Costs							<b><u>10,731</u></b>
<b>Total Project Cost Rounded</b>							<b><u>11,000</u></b>
Estimate Other Appropriations							200
10. DESCRIPTION OF PROPOSED CONSTRUCTION: To provide upgrades to RAF Menwith Hill main gate access control facility with the required physical security and Anti-Terrorism/Force Protection (AT/FP) design criteria standards. Construction will require and Environmental Assessment as well as demolition and restoration of roadways, final denial barrier, traffic bollards, registration center and other site features impacted by the construction works. The emergency vehicle and rejection exit lanes will require AT/FP rated sliding gate. In addition to the pedestrian turnstiles, pedestrian gates will also be incorporated into the design for ADA compliance. This project shall incorporate separation from ingress and egress of the access control zone by non-AT/FP rated bollards actin as vehicle guidance features. Upgrades to the physical security shall include a lighting strategy in conjunction with CCTV coverage to ensure that the entrance is operational both day and night.							
11. REQUIREMENT: Upgrade main gate      SUBSTANDARD: None      ADEQUATE: None							
<b>PROJECT:</b> To provide the proper level of access control for all Department of Defense (DoD) personnel, visitors, and commercial traffic to the main entrance of RAF Menwith Hill. This project will provide physical security upgrades to ensure the installation if secure from unauthorized access while optimizing vehicle traffic flow. The current main gate cannot accommodate the current vehicle volume, therefore, it does not meet the required standards for security, UFC, and the U.S. and UK armed forces. This effort will correct the security deficiencies and produce a compliant and secure main gate facility to the base.							

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<p><b>REQUIREMENT:</b> AT/FP upgrades are required at the main gate access point in order to provide the required level of security to protect mission operations from unauthorized visitors from accessing the site and potential hindering the mission operations. Unified Facilities Criteria 4-010, 4-020, &amp;4-022 addresses the requirement for government facilities to incorporate protective features into the planning, design, and execution of all construction efforts to mitigate vulnerabilities and terrorist threats. This project requires, but is not limited to, a registration office, parking, protest area, vehicle inspection, anti-vehicles barriers, improved sight lines, rejection lands, gatehouses, and a canopy over the gatehouses over speed detection system, wrong way detection system, alarms traffic control system, and fencing.</p> <p><b>CURRENT SITUATION:</b> Physical security upgrades are required at the main gate entrance. At the present time, the location of the parking lot for pedestrians to access the registration center requires the pedestrian to cross the path of vehicular traffic. There is a lack of a proper rejection lane compounded with vertical alignment of the road limiting the users reaction time has been attributed to long delays and increased accidents for vehicles attempting to gain access to the site.</p> <p><b>IMPACT IF NOT PROVIDED:</b> If this project is not provided, the main gate entrance at RAF Menwith Hill will continue to function. If this project is not completed, the traffic issues due to the limited capacity of a vehicle rejection lane will continue. The impact of delays at the main gate will continue to increase the risks of vehicular or pedestrian accidents as the traffic volume increases. If the physical security upgrades are not installed, it will increase the health and safety risk to the RAF Menwith Hill workforce. If these delays occur during heighten security, this shall result in late arrivals of mission critical personnel and degrade mission performance.</p> <p><b>ADDITIONAL:</b> An economic analysis and safety study has been prepared and utilized in the evaluation of this project. This project is the only feasible option to pursue in order to ensure the health and safety of the employees operating at RAF Menwith Hill.</p>				
<b>12. SUPPLEMENTAL DATA:</b>				
1. Status				
(a) Design Start		January 2017		
(b) Design Complete		June 2018		
(c) Type of Contract		Design/Build		
2. Basis				
(a) Standard of Definitive Design		No		
(b) Where design was most recently used:		N/A		
(c) Percentage of Design Utilizing standard Design		N/A		
3. Total Cost I = (a) + (b) or (d) + (e) (\$000)				
(a) Production of plans and specifications				
(b) (i) Design Build RFP – P&D		\$500		
(c) (ii) Design Build Design – MILCON		\$363		
(d) All other design costs		\$0		
(e) Total design cost I = (a) + (b) or (d) + (e)		\$863		
(f) Contract				
(g) (i) Design Build RFP – P&D		\$500		
(h) (ii) Design Build Design – MILCON		\$363		
(i) In house		\$0		
4. Contract Award:		May 2018		
5. Construction Start Date:		June 2018		
6. Construction Completion Date:		December 2020		