Department of Defense

Fiscal Year (FY) 2019 Budget Estimates

Military Construction

Family Housing

Defense-Wide

Justification Data Submitted to Congress

February 2018

FY 2019 Budget Estimates
Military Construction, Defense-Wide
Table of Contents

Preparation of the Defense-Wide budget, excluding revolving funds, cost the Department of Defense a total of approximately $1,150,000 in FY 2018.

FY 2019 Base Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Alaska				
Defense Logistics Agency				
Joint Base Elmendorf-Richardson				
Operations Facility Replacement	14,000	14,000	C	22
Missile Defense Agency				
Clear Air Force Station				
Long Range Discrimination Radar System Complex Phase 2	174,000	174,000	N	101
Fort Greely				
Missile Field #1 Expansion	8,000	8,000	C	106
Arkansas				
Defense Logistics Agency				
Little Rock Air Force Base				
Hydrant Fuel System Alterations	14,000	14,000	C	26
California				
Defense Logistics Agency				
Defense Distribution Depot-Tracy				
Main Access Control Point Upgrades	18,800	18,800	C	31
U.S. Special Operations Command				
Camp Pendleton				
SOF EOD Facility – West	3,547	3,547	C	137
SOF Human Performance Training Center	9,049	9,049	C	141
Coronado				
SOF ATC Applied Instruction Facility	14,819	14,819	C	145
SOF ATC Training Facility	18,329	18,329	C	148
SOF Close Quarters Combat Facility	12,768	12,768	C	151
SOF NSWG-1 Operations Support Facility	25,172	25,172	C	154
Colorado				
U.S. Special Operations Command				
Fort Carson				
SOF Human Performance Training Center	15,297	15,297	C	158
SOF Mountaineering Facility	9,000	9,000	C	161

FY 2019 Base Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Kentucky				
DoD Education Activity				
Fort Campbell				
Fort Campbell Middle School	62,634	62,634	C	75
U.S. Special Operations Command				
Fort Campbell				
SOF Air/Ground Integration Urban Live Fire Range	9,091	9,091	C	165
SOF Logistics Support Operations Facility	5,435	5,435	C	167
SOF Multi-Use Helicopter Training Facility	5,138	5,138	C	170
Maine				
Defense Logistics Agency				
Kittery				
Consolidated Warehouse Replacement	11,600	11,600	C	35
Maryland				
National Security Agency				
Fort Meade				
Mission Support Operations Warehouse	30,000	30,000	C	132
NSAW Recapitalize Building #2 Increment 4	-	218,000	C	123
NSAW Recapitalize Building #3 Increment 1	775,000	99,000	C	129
Missouri				
National Geospatial-Intelligence Agency				
St. Louis				
Next NGA West (N2W) Complex Phase 1 Increment 2	-	213,600	C	111
Next NGA West (N2W) Complex Phase 2 Increment 1	447,800	110,000	C	116
New Jersey				
Defense Logistics Agency				
Joint Base McGuire-Dix-Lakehurst				
Hot Cargo Hydrant System Replacement	10,200	10,200	C	39
North Carolina				
Defense Health Agency				
New River				
Ambulatory Care Center/Dental Clinic Replacement	32,580	32,580	C	3

FY 2019 Base Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
U.S. Special Operations Command				
Fort Bragg				
SOF Replace Training Maze and Tower	12,109	12,109	C	174
SOF SERE Resistance Training Laboratory Complex	20,257	20,257	C	177
Oklahoma				
Defense Logistics Agency				
McAlester				
Bulk Diesel System Replacement	7,000	7,000	C	42
Texas				
Defense Logistics Agency				
Joint Base San Antonio				
Energy Aerospace Operations Facility	10,200	10,200	C	50
Red River Army Depot				
General Purpose Warehouse	71,500	71,500	C	46
Virginia				
Defense Logistics Agency				
Joint Base Langley-Eustis				
Fuel Facilities Replacement	6,900	6,900	C	54
Ground Vehicle Fueling Facility Replacement	5,800	5,800	C	57
U.S. Special Operations Command				
Dam Neck				
SOF Magazines	8,959	8,959	C	181
Fort A.P. Hill				
Training Campus	11,734	11,734	C	185
Fort Belvoir				
Human Performance Training Center	6,127	6,127	C	189
Humphreys Engineer Center				
Maintenance and Supply Facility	20,257	20,257	C	193
Washington Headquarters Services				
Pentagon				
Exterior Infrastructure and Security Improvements	23,650	23,650	C	211
North Village Vehicle Access Control Point And Fencing	12,200	12,200	C	206

FY 2019 Base Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Washington				
Defense Logistics Agency				
Joint Base Lewis-McChord				
Refueling Facility	26,200	26,200	C	61
CONUS Classified				
U.S, Special Operations Command				
Classified Location				
Battalion Complex Phase 2	49,222	49,222	C	196
Belgium				
DoD Education Activity				
Chievres Air Base				
Europe West District Superintendent's Office	14,305	14,305	C	87
Germany				
Defense Health Agency				
Rhine Ordnance Barracks				
Medical Center Replacement Increment 8	-	319,589	C	11
DoD Education Activity				
Kaiserslautern Air Base				
Kaiserslautern Middle School	99,955	99,955	C	83
Weisbaden				
Clay Kaserne Elementary School	56,048	56,048	C	79
U.S. Special Operations Command				
Baumholder				
SOF Joint Parachute Rigging Facility	11,504	11,504	N	200
Cuba				
Defense Health Agency				
Guantanamo Bay				
Working Dog Treatment Facility Replacement	9,080	9,080	C	7
Japan				
Defense Logistics Agency				
Iwakuni				
Fuel Pier	33,200	33,200	C	70
Kadena Air Base				
Truck Unload Facilities	21,400	21,400	C	66

FY 2019 Base Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
DoD Education Activity				
Camp McTureous				
Bechtel Elementary School	94,851	94,851	C	91
Yokosuka				
Kinnick High School	170,386	170,386	C	95
United Kingdom				
Defense Health Agency				
RAF Croughton				
Ambulatory Care Center Addition/Alteration	10,000	10,000	C	17
Defense Level Activities/Worldwide Unspecified				
Energy Resilience and Conservation				
Investment Program	150,000	150,000	C	214
Contingency Construction	-	10,000	C	215
Unspecified Minor Construction			C	217
Defense Health Agency	-	5,000		
Defense Logistics Agency	-	17,366		
Missile Defense Agency	-	10,000		
U.S. Special Operations Command	-	13,642		
Joint Chiefs of Staff	-	12,479		
Defense Level Activities	-	3,000		
Total Minor Construction	**-**	**61,487**		
Planning and Design			C	219
Defense Health Agency	-	55,699		
Defense Information Systems Agency	-	496		
Defense Logistics Agency	-	42,705		
Missile Defense Agency	-	14,184		
U.S. Special Operations Command	-	55,925		
Washington Headquarters Services	-	2,036		
Defense Level Activities	-	14,300		
ERCIP Design	-	10,000		
Total Planning and Design	**-**	**195,345**		
Total Military Construction, Defense-Wide	**2,689,103**	**2,693,324**		

FY 2019 BUDGET ESTIMATES
Military Construction, Defense-Wide

(Including Transfer of Funds)

For acquisition, construction, installation, and equipment of temporary or permanent public works, installations, facilities, and real property for activities and agencies of the Department of Defense (other than the military departments), as currently authorized by law, $2,693,324,000 to remain available until September 30, 2023: *Provided*, That such amounts of this appropriation as may be determined by the Secretary of Defense available for military construction or family housing as he may designate, to be merged with and to be available for the same purposes, and for the same time period, as the appropriation or fund to which transferred: *Provided further*, That of the amount appropriated, not to exceed $195,345,000 shall be available for study, planning, design, architect and engineer services, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reason therefore.

FY 2019 Budget Estimates
Military Construction, Defense-Wide
Special Program Considerations

POLLUTION ABATEMENT

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installation have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

ENERGY CONSERVATION

DOD represents three-fourths of federal energy use. Energy Resilience and Conservation Investment Program (ERCIP) projects improve the energy resilience and energy and water efficiency at DOD installations, and consistently produce average savings of more than two dollars for every dollar invested. The ERCIP is a well-managed program with clear, realistic and attainable goals.

The Administration continues to fund this program at $150 million in FY 2019. The Administration will ensure that the program produces high returns on this investment and develops new performance metrics.

In general, the ERCIP program funds projects that would not necessarily be candidates for other types of funding, like O&M or third-party financing. In addition, in order to support the Department's strategic energy goals, the ERCIP uses several project selection criteria, including:

- **Impact to energy resilience improvement and its contribution to mission assurance at an installation;**
- **Service priority;**
- **Integration of distributed generation or storage to improve energy resilience;**
- **Inclusion in installation, region, department or component energy plan;**
- **Savings-to-Investment Ratio (SIR) and Simple Payback;**
- **Impact to the energy consumption at an individual installation;**
- **Implementation of technologies validated in a test bed demonstration program;**

The ERCIP funds projects that save energy, reduce DOD's energy costs, improve energy resilience and contribute to mission assurance. The program supports construction of new, high-efficiency energy systems and the improvement and modernization of existing systems. Projects are designed to provide maximum energy benefit to the installation through minimizing energy consumption and improving energy resilience. An exhibit is included in this justification material which details energy consumption and the Department's progress towards meeting energy consumption goals set forth by the President.

FLOODPLAIN MANAGEMENT AND WETLANDS PROTECTION

Proposed land acquisitions, disposals, and installation construction projects have been planned to allow the proper management of flood plains and the protection of wetlands by avoiding long-and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988, Floodplain Management, and 11990, Protection of Wetlands, and the Floodplain Management Guidelines of the U.S. Water Resources Council. Projects have been sited to avoid or reduce the risk of flood loss, minimize the impact of floods on human safety, health and welfare, preserve and enhance the natural and beneficial values of wetlands and minimize the destruction, loss or degradation of wetlands.

DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL

In accordance with Public Law 90480 and the Americans with Disabilities Act Accessibility Guidelines, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

PLANNING IN THE NATIONAL CAPITAL REGION

Projects located in the National Capital Region are submitted to the National Capital Planning Commission for budgetary review and comment as part of the Commission's annual review of the Future Years Defense Plan (FYDP). Construction projects within the District of Columbia with the exception of the Bolling/Anacostia area are submitted to the commission for approval prior to the start of construction.

ENVIRONMENTAL PROTECTION

In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (P.L. 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the Military Construction Program.

FY 2019 Base Budget Estimates
Military Construction, Defense-Wide
Agency Summary
($000)

	Authorization	Appropriations
Defense Health Agency	**51,660**	**371,249**
Defense Logistics Agency	**250,800**	**250,800**
DoD Dependents Education Activity	**498,179**	**498,179**
Missile Defense Agency	**182,000**	**182,000**
National Geospatial-Intelligence Agency	**447,800**	**323,600**
National Security Agency	**805,000**	**347,000**
U.S. Special Operations Command	**267,814**	**267,814**
Washington Headquarters Services	**35,850**	**35,850**
Energy Resilience and Conservation Invest Prog	**150,000**	**150,000**
Contingency Construction	**-**	**10,000**
Minor Construction	**-**	**61,487**
Planning and Design	**-**	**195,345**
TOTAL	**2,689,103**	**2,693,324**

Defense Health Agency
FY 2019 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
North Carolina				
MCAS New River				
Ambulatory Care Center/ Dental				
Clinic Replacement	32,580	32,580	C	3
Cuba				
NS Guantanamo Bay				
Working Dog Treatment				
Facility Replacement	9,080	9,080	C	7
Germany				
Rhine Ordnance Barracks				
Medical Center Replacement,				
Increment 8	-	319,589	C	11
United Kingdom				
RAF Croughton				
Ambulatory Care Center				
Addition/Alteration	10,000	10,000	C	17
Total	**51,660**	**371,249**		

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (DHA)		FEB 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
MCAS New River, North Carolina	Commandant of the Marine Corps	0.97

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 31 OCT 2017	3,821	37,258	3,634	1,133	45,240	45	0	0	61,454	125,585
B. END FY 2022	4,108	38,798	3,631	1,138	44,451	40	0	0	61,454	153,620

7. INVENTORY DATA ($000)

A. TOTAL AREA	123,022 Acres	
B. INVENTORY TOTAL AS OF JULY 5, 2017		12,738,157
C. AUTHORIZATION NOT YET IN INVENTORY		0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		32,580
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
F. PLANNED IN NEXT THREE YEARS		0
G. REMAINING DEFICIENCY		0
H. GRAND TOTAL		12,770,737

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
550	89838	Ambulatory Care Center/ Dental Clinic Replacement	43,986 SF	32,580	06 / 2017	10 / 2018

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2020): None		0
B.	PLANNED NEXT THREE PROGRAM YEARS (FY 2021– 2023): None		0
C.	R&M UNFUNDED REQUIREMENT:		203,478

10. MISSION OR MAJOR FUNCTION:

MCB Camp Lejeune (New River) supports the combat readiness of expeditionary forces by providing training, logistics, garrison support, mobilization and deployment support and a wide range of quality of life services including housing, safety and security, medical and dental care, family services, off duty education and recreation.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component DEF (DHA)	**FY 2019 MILITARY CONSTRUCTION PROJECT DATA**	1. Date FEB 2018

3. Installation and Location/UIC:	4. Project Title:
Marine Corps Air Station (MCAS) New River, North Carolina	Ambulatory Care Center / Dental Clinic Replacement

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	55010	89838	32,580

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				19,539
Medical Clinic - CATCODE 55010	SF	34,900	364	(12,704)
Dental Clinic - CATCODE 54010	SF	9,086	637	(5,788)
Additional Antiterrorism/Force Protection Measures	LS	--	--	(550)
SDD, EPAct, Renewable Energy	LS	--	--	(497)
SUPPORTING FACILITIES				9,816
Electrical Service	LS	--	--	(847)
Water, Sewer, Gas	LS	--	--	(224)
Parking/Paving, Walks, Curbs And Gutters	LS	--	--	(1,487)
Storm Drainage	LS	--	--	(1,190)
Site Imp (970) Demo (840)	LS	--	--	(1,810)
Information Systems	LS	--	--	(169)
Antiterrorism/Force Protection	LS	--	--	(474)
Special Foundations	LS	--	--	(1,820)
EISA 2007 Section 438 (Low Impact Development)	LS	--	--	(698)
Other (O&M Manuals, CID, PCAS, and Enhanced Commissioning)	LS	--	--	(1,097)
ESTIMATED CONTRACT COST				29,355
CONTINGENCY PERCENT (5.00%)				1,468
SUBTOTAL				30,823
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				1,757
TOTAL REQUEST				32,580
TOTAL REQUEST (NOT ROUNDED)				32,580
INSTALLED EQT-OTHER APPROPRIATIONS				(6,840)

10. Description of Proposed Construction:

Construct an Ambulatory Care Clinic to incorporate the Marine Centered Medical Home concept for Marine Active Duty personnel at MCAS New River. Supporting facilities include utilities, site improvements, facility special foundations, parking, antiterrorism force protection measures, demolition, and environmental protection measures. Existing building AS100 will be demolished. The project will be designed in accordance with Unified Facilities Criteria (UFC) 4-510-01 Design: Military Medical Facilities, UFC 1-200-01 General Building Requirements, UFC 1-200-02 High Performance and Sustainable Building Requirements, UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings, barrier free design in accordance with Architectural Barriers Act (ABA) Accessibility Standard and DEPSECDEF Memorandum "Access for People with Disabilities" dated 10/31/2008, and MHS World Class principles per World Class Checklist Requirements. Operations and Maintenance Manuals, Enhanced Commissioning, and Comprehensive Interior Design will be provided.

11.	REQ:	ADQT:	SUBSTD:
	CATCODE: 55010 = 34,900 SF	0	19,125 SF
	CATCODE: 54010 = 9,086 SF	0	7,730 SF

DD FORM 1391, JUL 1999

1. Component DEF (DHA)	**FY 2019 MILITARY CONSTRUCTION PROJECT DATA**	1. Date FEB 2018

3. Installation and Location/UIC:	4. Project Title:
Marine Corps Air Station (MCAS) New River, North Carolina	Ambulatory Care Center / Dental Clinic Replacement

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	55010	89838	32,580

PROJECT:
Construct a consolidated Ambulatory Care Center in compliance with the Marine Centered Medical Home (MCMH) concept. (CURRENT MISSION)

REQUIREMENT:
The relocation of 2 additional MV-22 squadrons results in an increase of approximately 1,500 personnel. The existing clinic is undersized to meet this increased demand. This project corrects a sub-standard environment of care for garrisoned USMC forces healthcare delivery in decentralized, substandard Battalion Aid Stations (BAS) and Regimental Aid Stations (RAS) currently scattered across the installation as well as the functionally inefficient existing clinic. This project will enable the implementation of the MCMH concept to improve health outcomes, increase the readiness posture of the force, and enhance patient satisfaction.

CURRENT SITUATION:
A majority of Active Duty personnel at MCAS New River currently receive primary health care from battalion and regimental providers in makeshift spaces located within non-healthcare facilities. These battalion and regimental aid stations often lack basic healthcare facility requirements such as sinks, proper ventilation, and exam rooms with doors. The lack of these features can result in increased infection risk and patient privacy concerns. These Active Duty forces do not have access to an appropriate environment of care. These aid stations do not meet Joint Commission accreditation standards.

IMPACT IF NOT PROVIDED:
Required garrison medical and dental services for Marine Corps personnel will continue to be provided in substandard, inefficient and decentralized facilities such as the small BAS and RAS spaces which do not meet The Joint Commission accreditation standards. Failure to adequately implement MCMH will result in compromised readiness, uncoordinated care delivery, and inefficient use of healthcare resources.

JOINT USE CERTIFICATION:
The Director, Defense Health Agency, Facilities Division has reviewed this project for joint use potential. Joint use construction is recommended.

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12. Supplemental Data

A. Estimated Execution Data

(1) Acquisition Strategy:	Design Bid Build
(2) Design Data:	
(a) Design Started:	JUN/2017
(b) Percent of Design Completed as of Jan 2018 (BY-1):	20%
(c) Design Complete:	OCT/2018
(d) Total Design Cost ($000):	4,500
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Standard or definitive design used?	No
(3) Construction Data:	
(a) Contract Award:	JUN/2019
(b) Construction Start:	SEP/2019
(c) Construction Complete:	MAY/2021

1. Component DEF (DHA)	**FY 2019 MILITARY CONSTRUCTION PROJECT DATA**	1. Date FEB 2018

3. Installation and Location/UIC:	4. Project Title:
Marine Corps Air Station (MCAS) New River, North Carolina	Ambulatory Care Center / Dental Clinic Replacement

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	55010	89838	32,580

Supplemental Data (Continued)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Expense	OM	2019	1,419
Expense	OM	2020	4,799
Investment	OP	2020	622

Chief, Design, Construction & Activation Office
Phone Number: 703-275-6077

DD FORM 1391C, JUL 1999

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (DHA)		FEB 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
NAVSTA Guantanamo Bay, Cuba	Commander Navy Installation Command	1.91

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 31OCT 2017	313	2,263	2,986	0	0	0	98	56	0	5,716
B. END FY 2022	324	2,330	2,986	0	0	0	98	56	0	5,794

7. INVENTORY DATA ($000)

A. TOTAL AREA	28,817 Acres	
B. INVENTORY TOTAL AS OF JULY 5, 2017		4,634,608
C. AUTHORIZATION NOT YET IN INVENTORY		0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		9,080
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
F. PLANNED IN NEXT THREE YEARS		268,600
G. REMAINING DEFICIENCY		0
H. GRAND TOTAL		4,912,288

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
53040	89839	Working Dog Treatment Facility Replacement	5,277 SF	9,080	10 / 2017	1 / 2019

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (FY 2020): None		0
B.	PLANNED NEXT THREE PROGRAM YEARS (FY 2021 – 2023):		
51010	Hospital Replacement	LS	268,600
C.	R&M UNFUNDED REQUIREMENT:		0

10. MISSION OR MAJOR FUNCTION:

Naval Base Guantanamo Bay is on the front lines of the battle for regional security and protection from drug trafficking and terrorism, and protection for those who attempt to make their way through regional seas in unseaworthy craft. The base protects the ability of US Navy and Coast Guard ships to operate in the Caribbean area with supplies and support for their operational commitments. Naval Base Guantanamo Bay has become the host to the Detainee Mission of the War on Terrorism following the September 11, 2001 terrorist attacks. The base has a unique posture in the Western Hemisphere in that it is the oldest US base outside the continental U.S. and the only one in a country that does not enjoy an open political relationship with the United States. Base also maintains: U.S. treaty obligations, a naval base for refueling ships, the fence line surrounding the base and the international shipping channel through Guantanamo Bay. Additional missions include the maintenance of a forward presence near the Windward Passage to the Caribbean and port facilities, naval airfield and staging areas on the base in support of U.S. contingency operations in the Caribbean.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component DEF (DHA)	**FY 2019 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2018

3. Installation and Location/UIC:	4. Project Title:
Naval Station Guantanamo Bay, Cuba	Working Dog Treatment Facility Replacement

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	53045	89839	9,080

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				5,979
Working Dog Treatment Facility - CATCODE 53045	SF	5,277	937	(4,944)
Standby Generator	LS	--	--	(659)
SDD, EPAct, Renewable Energy	LS	--	--	(376)
SUPPORTING FACILITIES				2,164
Electric Service	LS	--	--	(254)
Water, Sewer, Gas	LS	--	--	(185)
Parking/Paving, Walks, Curbs And Gutters	LS	--	--	(244)
Storm Drainage	LS	--	--	(115)
Site Imp (364) Demo (140)	LS	--	--	(504)
Information Systems	LS	--	--	(85)
Antiterrorism/Force Protection	LS	--	--	(85)
Special Foundations	LS	--	--	(35)
EISA 2007 Section 438 (Low Impact Development)	LS	--	--	(438)
Other (O&M Manuals, CID, PCAS, and Enhanced Commissioning)	LS	--	--	(219)
ESTIMATED CONTRACT COST				8,143
CONTINGENCY PERCENT (5.00%)				407
SUBTOTAL				8,550
SUPERVISION, INSPECTION & OVERHEAD (6.20%)				530
TOTAL REQUEST				9,080
TOTAL REQUEST (NOT ROUNDED)				9,080
INSTALLED EQT-OTHER APPROPRIATIONS				(1,220)

10. Description of Proposed Construction:
Construct a Working Dog Treatment Facility Replacement to provide complete veterinary care for all military working dogs on Naval Station Guantanamo Bay. The project will include a surgical suite, laboratory, pharmacy, food inspection and examination rooms. Proper seismic protection will be included in the design. The project will demolish the existing Buildings GC87, 283 and N403A. Supporting facilities include utilities, site improvements, parking, signage, antiterrorism force protection measures, demolition, and environmental protection measures. The project will be designed in accordance with Unified Facilities Criteria (UFC) 4-510-01 Design: Military Medical Facilities, UFC 1-200-01 General Building Requirements, UFC 1-200-02 High Performance and Sustainable Building Requirements, UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings, barrier free design in accordance with Architectural Barriers Act (ABA) Accessibility Standard and DEPSECDEF Memorandum "Access for People with Disabilities" dated 10/31/2008. Operations and Maintenance Manuals, and Enhanced Commissioning will be provided.

11. REQ: 5,277 SF ADQT: 0 SF SUBSTD: 3,958 SF

PROJECT:
Construct a replacement Working Dog Treatment Facility for the prevention of zoonotic disease to provide complete, preventive, diagnostic, dental and surgical care for all Government-owned animals and Military Working Dogs (MWD) on Naval Station Guantanamo Bay. (CURRENT MISSION)

1. Component DEF (DHA)	**FY 2019 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2018

3. Installation and Location/UIC:	4. Project Title:
Naval Station Guantanamo Bay, Cuba	Working Dog Treatment Facility Replacement

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	53045	89839	9,080

REQUIREMENT:

The project corrects deficiencies in ventilation, electrical, fire suppression, and structural systems of the existing Working Dog Treatment Facility in order to provide a safe environment of care for patients and staff. Additionally, this project will provide the correct clinical flow in a purpose-built facility to accommodate modern veterinary practices.

CURRENT SITUATION:

Guantanamo Bay is isolated and remote, requiring dedicated veterinary medicine and surgical capability for the immediate stabilization of critically ill or injured MWDs. The 1954 repurposed family housing building does not meet fire protection requirements, and the existing HVAC system does not provide appropriate anesthesia waste gas disposal in the surgical suite. These conditions place staff and patients at risk for harmful substance exposure. Furthermore, multiple failing building systems such as an undersized electrical system, a leaking roof, and cracked structural masonry walls add to patient and staff risk. The building cannot accommodate a proper surgical suite and equipment due to the low ceiling heights, has exceeded its life expectancy, is functionally inappropriate for veterinary care, and contains insufficient building systems for a safe and functional MWD treatment facility. Extensive system and structural upgrades and/or renovations to the existing facility will not be life cycle cost effective and are not economically feasible. The facility cannot accommodate modification to correct the safety issues that exist, and there is no access to a civilian veterinary network.

IMPACT IF NOT PROVIDED:

Veterinary staff and patients will continue to work in an unsafe environment with inadequate HVAC and medical gas evacuation system, jeopardizing patient outcomes and staff safety

JOINT USE CERTIFICATION:

The Director, Defense Health Agency, Facilities Division has reviewed this project for joint use potential. Joint use construction is recommended.

12. Supplemental Data

A. Estimated Execution Data

(1) Acquisition Strategy:	Design Bid Build
(2) Design Data:	
(a) Design Started:	OCT/2017
(b) Percent of Design Completed as of Jan 2018 (BY-1):	5%
(c) Design Complete:	JAN/2019
(d) Total Design Cost ($000):	1,301
(e) Energy Studies and/or Life Cycle Analysis Performed:	Yes
(f) Standard or definitive design used?	No
(3) Construction Data:	
(a) Contract Award:	MAY/2019
(b) Construction Start:	AUG/2019
(c) Construction Complete:	MAR/2022

DD FORM 1391C, JUL 1999

1. Component DEF (DHA)	**FY 2019 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2018

3. Installation and Location/UIC:	4. Project Title:
Naval Station Guantanamo Bay, Cuba	Working Dog Treatment Facility Replacement

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	53045	89839	9,080

Supplemental Data (Continued)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Expense	OM	2020	599
Investment	OP	2021	126
Expense	OM	2021	495

Chief, Design, Construction & Activation Office:
Phone Number: 703-275-6077

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (DHA)		FEB 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Germany Various, Germany	Installation Management Command	1.07

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF OCT 31 2017	0	0	0	0	0	0	0	0	0	0
B. END FY 2023	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA ($000)

A. TOTAL AREA	114,035 AC	
B. INVENTORY TOTAL AS OF JUL 5, 2017		25,332,700
C. AUTHORIZATION NOT YET IN INVENTORY		3,165,119
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		0
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		27,620
F. PLANNED IN NEXT THREE YEARS		0
G. REMAINING DEFICIENCY		0
H. GRAND TOTAL		28,525,439

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
51010	90921	Medical Center Replacement, Increment 8	LS	319,589	11 / 2010	10 / 2019

9. FUTURE PROJECTS:

	CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
A.		INCLUDED IN THE FOLLOWING PROGRAM (FY 2020):		
	55010	Ambulatory Care Center Replacement	LS	27,620
B.		PLANNED NEXT THREE PROGRAM YEARS (2021-2023): None		0
C.		R&M Unfunded Requirements		0

10. MISSION OR MAJOR FUNCTION:

Installations support US Army, Europe and Seventh Army (USAREUR), a trained and ready force capable of rapidly responding and operating jointly in support of US EUCOM theater strategy. Installations serve as bases for projecting power in and out of EUCOM areas of responsibility by providing facilities for training, maintaining, housing, and supporting subordinate and supporting units/organizations. These units consist of combat support, and combat service support tactical units as well as theater, mission, installation support, and quality of life organizations required to maintain a trained and ready force oversees.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component DEF (DHA)	**FY 2019 MILITARY CONSTRUCTION PROJECT DATA**			2. Date FEB 2018
3. Installation and Location: Rhine Ordnance Barracks, Germany		4. Project Title: Medical Center Replacement, Increment 8		
5. Program Element 87717HP	6. Category Code 51010	7. Project Number 90921	8. Project Cost ($000) 319,589	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				668,473
Medical Center/Hospital (33,082 SM)	SF	356,091	473	(168,297)
Medical Clinic (36,659 SM)	SF	394,594	469	(185,289)
Administrative Facility (12,455 SM)	SF	134,061	384	(51,434)
Medical Warehouse (9,070 SM)	SF	97,631	332	(32,398)
Ambulance Garage (283 SM)	SF	3,045	312	(949)
Canopies (733 SM)	SF	7,890	312	(2,463)
Special Foundations (37,959 SM)	SF	408,587	18	(7,291)
Service Basement (20,638 SM)	SF	222,146	199	(44,152)
Parking Structures	SP	1,642	20,561	(33,762)
Central Utility Plant	LS	--	--	(32,946)
Helicopter Pad	LS	--	--	(679)
Communication Center Alterations (Bldgs 711 & 164)	LS	--	--	(1,728)
Bridge and Road Improvements	LS	--	--	(10,491)
Access Control Point Facility	LS	--	--	(24,475)
World Class Design	LS	--	--	(9,861)
SDD & EPAct05, EISA2007, and Renewable Energy	LS	--	--	(20,579)
Building Information Systems	LS	--	--	(22,724)
Antiterrorism Measures	LS	--	--	(18,955)
SUPPORTING FACILITIES				211,262
Electric Service	LS	--	--	(66,305)
Water, Sewer, Gas	LS	--	--	(19,700)
Steam and/or Chilled Water Distribution	LS	--	--	(3,504)
Paving, Walks, Curbs and Gutters	LS	--	--	(15,580)
Storm Drainage	LS	--	--	(27,608)
Site Improvement (28,259) Demo (1,686)	LS	--	--	(29,945)
Information Systems	LS	--	--	(5,439)
Antiterrorism Measures	LS	--	--	(10,435)
Environmental Compensation	LS	--	--	(17,256)
Other (O&M Manuals, CID, DDC and Enhanced Commissioning)	LS	--	--	(15,490)
ESTIMATED CONTRACT COST				879,735
CONTINGENCY PERCENT (5.00%)				43,987
SUBTOTAL				923,722
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				60,042
CATEGORY E EQUIPMENT				29,262
TOTAL REQUEST				1,013,026
TOTAL REQUEST (ROUNDED)				1,013,000
PREVIOUS APPROPRIATIONS				693,411
CURRENT APPROPRIATION REQUEST (UNROUNDED)				319,589
INSTALLED EQT-OTHER APPROPRIATIONS				(177,753)

10. Description of Proposed Construction:
Fund the eighth increment of a multi-story Medical Center to replace the Landstuhl Regional Medical Center and the 86th

DD FORM 1391, JUL 1999

1. Component DEF (DHA)	**FY 2019 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2018
3. Installation and Location: Rhine Ordnance Barracks, Germany	4. Project Title: Medical Center Replacement, Increment 8	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	51010	90921	319,589

Description of Proposed Construction (Continued):
Medical Group (MDG) Clinic. The Hospital will provide inpatient services with contingency expansion, outpatient and specialty care clinics, Aero Medical Staging Facility (ASF), support functions, medical administration, and sub-basement zones. Ancillary facilities include ambulance garage, parking garage, central energy plant, helicopter pad, and road improvements. Supporting facilities include: contingency utilities and laydown area, site improvements, surface parking, access roads, Communications Building alteration, bridge and road improvements, access control point facilities, demolition and site clearance of former ordnance storage area and environmental protection and mitigation. The existing Landstuhl Regional Medical Center and the existing 86th MDG facilities will be returned to respective installations for other uses except for Blood Donor Center, contingency and bulk storage logistics will remain on Landstuhl. The project will be designed in accordance with the criteria prescribed in Unified Facilities Criteria UFC 4-510-01, DoD Minimum Antiterrorism Standards for Buildings UFC 4-010-01, barrier-free design in accordance with DoD, "ABA (Architectural Barriers Act) Accessibility Standard" and DEPSECDEF Memorandum "Access for People with Disabilities" dated 10/31/2008, Evidence Based Design principles, MHS World Class Checklist Requirements, Executive Order 13514, DoD Strategic Sustainability Performance Plan (SSPP), the Energy Policy Act of 2005 (EAPct05), and in accordance with the host nation Status of Forces Agreement (SOFA). The project will be LEED Healthcare Silver certifiable. Operation and Maintenance Manuals, Design During Construction, Enhanced Commissioning, and Comprehensive Interior Design will be provided.

11. REQ: 1,119,799 SF ADQT: 69,180 SF SUBSTD: 819,908 SF

PROJECT:
Construct a replacement Medical Center incorporating an 86th MDG Clinic replacement at Rhine Ordnance Barracks, Germany. (CURRENT MISSION)

REQUIREMENT:
A replacement Medical Center is required to provide direct medical services to 53,000 enrolled beneficiaries and tertiary referral support for more than 245,000 beneficiaries throughout EUCOM as well as contingency casualty evacuation support for up to an additional 250,000 soldiers, airmen & sailors deployed throughout the regions comprising the Areas of Responsibility (AOR) of EUCOM, CENTCOM and AFRICOM.

The mission requires the provision of medical, surgical, and intensive care services, as well as primary and specialty care, emergency/trauma care, dental services and medical proficiency training simulation capability. The current Medical Center provides the only DoD inpatient psychiatric, pediatric specialty care, and substance abuse rehabilitation unit in Europe.

Of equal - and in contingencies - greater importance, the mission requires that it serve as the primary medical facility for the evacuation hub for U.S. service members stationed throughout the EUCOM, CENTCOM and AFRICOM AORs. The medical facility must be strategically located in the immediate vicinity of Ramstein Air Base, to minimize travel times from the flight line to the facility and, therefore, the risks to air evacuated wounded and ill warriors. In support of the contingency mission, the existing Medical Center treats an average of 8,000 aero medical evacuation patients per year including 15% battle-related casualties.

CURRENT SITUATION:
The existing Medical Center is located approximately 13 km (8 miles) from Ramstein Air Base. Most of the route is on an unsecured civilian autobahn and public roads. The total time required to transport critically wounded troops from the airfield to treatment currently varies from 20 to 45 minutes depending on traffic and weather conditions. The existing Medical Center care areas are located in 22 cantonment "finger" buildings built between 1951 and 1953 and a critical care

1. Component DEF (DHA)	**FY 2019 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2018
3. Installation and Location: Rhine Ordnance Barracks, Germany	4. Project Title: Medical Center Replacement, Increment 8	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	51010	90921	319,589

CURRENT SITUATION (Continued):
tower built in 1983. Additional activities, such as preventive medicine, logistics, the blood donor center, education and training, and the dental clinic are located in buildings external to the medical center. The multiple "finger" buildings and central circulation corridor are more than 50 years old. The current layout is inefficient, covers almost 3.5 miles of corridors and hallways, and is not capable of supporting modern medical practices. The current conditions pose concerns for patient and staff safety related to lack of single patient rooms, undersized operating rooms, infection control, patient privacy, and excessive travel distances between clinical activities. The buildings have significant deficiencies related to building systems, building integrity and code compliance.

Building infrastructure (electrical, mechanical, and communication) has exceeded ranges of useful life and is costly to sustain, restore, and modernize given the spans of distribution systems along the central spine. The floors in many of the cantonment buildings are failing.

The 86th Medical Group is in multiple aging facilities, some of which are modular structures. Serious life safety criteria and code deficiencies exist in these 50+ year old structures. Combustible construction, to include bamboo plaster substrate is located throughout the main clinic structure and the clinic does not have sprinklers. The permanent facilities have numerous load bearing walls, making renovation of the space unfeasible. The limited floor to floor height prohibits normal heating, ventilating and conditioning systems (HVAC) required to meet DoD criteria. The MDG campus is located in a congested area of Ramstein AB and does not come close to meeting the force protection requirements for setbacks from parking and roadways. There is inadequate space to add to and renovate the existing structures to provide a consolidated location for medical care.

IMPACT IF NOT PROVIDED:
Healthcare for warriors and their family members will be provided in inefficient, dysfunctional cantonment facilities that have exceeded their useful life and are currently in very poor condition. Accordingly, health care for the enrolled beneficiaries, the other beneficiaries in Europe and the deployed warriors in the EUCOM, CENTCOM and AFRICOM Areas of Responsibility will continue in an inadequate environment. Life support systems will be compromised; fire and life safety standards will only be met on the margins; and patient flow will continue to be dysfunctional. Failure to invest in this project will perpetuate a host of problems that put at risk the safety of both patients and staff, including: the shored-up cantonment buildings, presenting a real and increasing possibility of a catastrophic facility-related failure.

JOINT USE CERTIFICATION:
The Director, Defense Health Agency, Facilities Division has reviewed this project for joint use potential. Joint use construction is recommended.

12. Supplemental Data:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design Bid Build (Host Nation)
(2) Design Data:	
(a) Design Start Date:	NOV/2010
(b) Percent of Design Completed as of JAN 2018 (BY-1):	30%
(c) Design Complete:	OCT/2019
(d) Total Design Cost:	114,000
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Standard or definitive design used:	No

1. Component DEF (DHA)	**FY 2019 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2018
3. Installation and Location: Rhine Ordnance Barracks, Germany	4. Project Title: Medical Center Replacement, Increment 8	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717HP	51010	90921	319,589

Supplemental Data (Continued):

(3) Construction Data:

(a) Construction Award:	MAR/2012
(b) Construction Start:	DEC/2013
(c) Construction Complete:	MAY/2023

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Expense	OM	2018	2,500
Expense	OM	2019	2,500
Expense	OM	2020	42,500
Expense	OM	2021	2,500
Expense	OM	2022	27,500
Investment	OP	2022	10,000
Expense	OM	2023	42,500
Investment	OP	2023	22,229
Expense	OM	2024	20,524
Investment	OP	2024	5,000

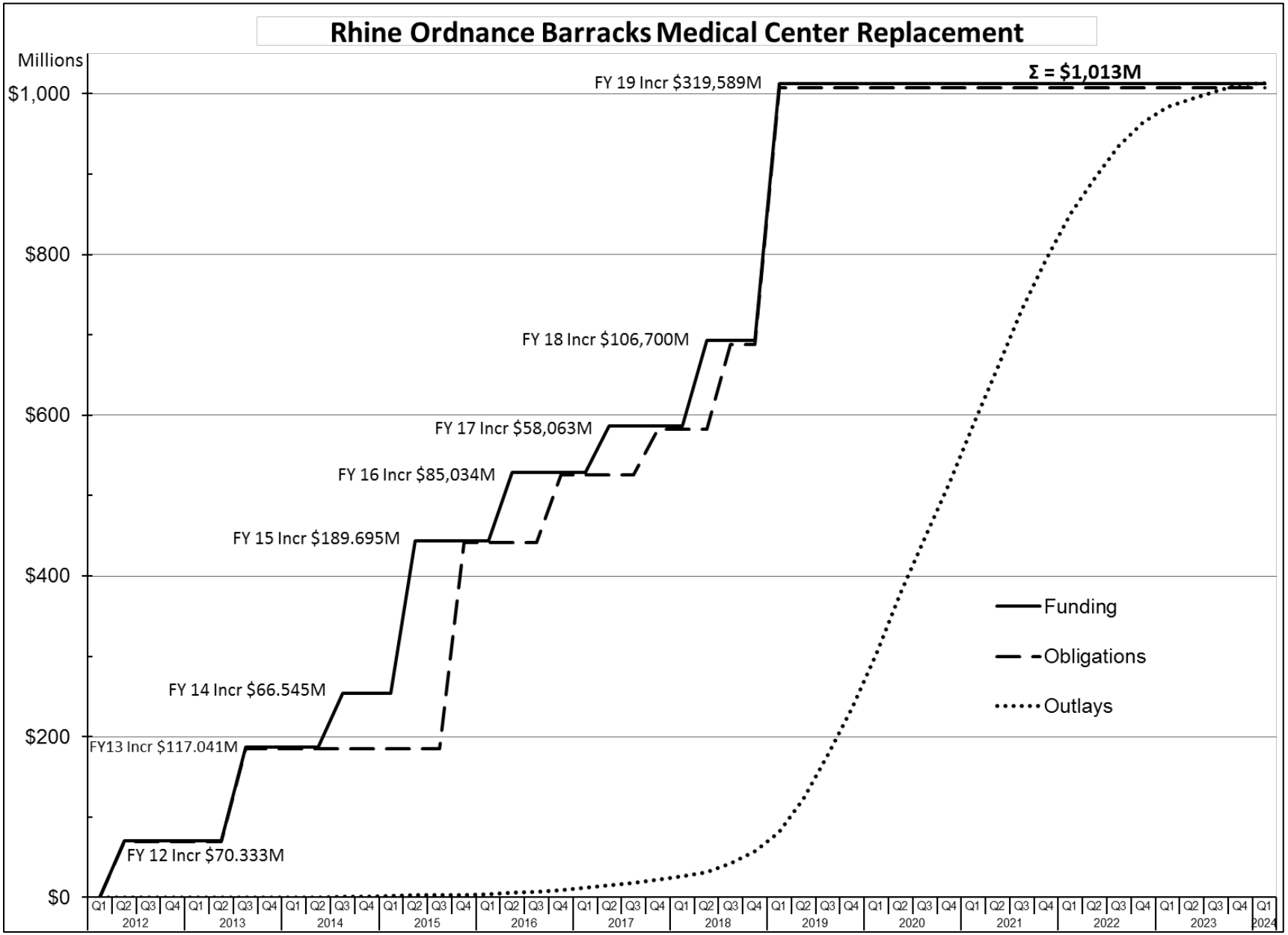
C. FUNDING PROFILE:

Authorizations	
2013	$990,000,000
Cost Variation February 2018	$ 23,000,000
Total	$1,013,000,000

Appropriations	
2012	$ 70,333,000
2013	$117,041,000
2014	$ 66,545,000
2015	$189,695,000
2016	$ 85,034,000
2017	$ 58,063,000
2018	$106,700,000
2019	$319,589,000
	$1,013,000,000

Chief, Design, Construction & Activation Office:
Phone Number: 703-275-6077

DD FORM 1391C, JUL 1999


Rhine Ordnance Barracks Medical Center Replacement
Millions
$1,000
$800
$600
$400
$200
$0
Σ = $1,013M
FY 19 Incr $319,589M
FY 18 Incr $106,700M
FY 17 Incr $58,063M
FY 16 Incr $85,034M
FY 15 Incr $189.695M
FY 14 Incr $66.545M
FY13 Incr $117.041M
FY 12 Incr $70.333M
Funding
Obligations
Outlays
Q1 Q2 Q3 Q4
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEF (DHA)		FEB 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
RAF Croughton, United Kingdom	United States Air Force Europe	1.24

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 31 OCT 2017	8	322	84	0	0	0	0	0	4000	4,414
B. END FY 2022	45	610	139	0	0	0	0	0	6,200	6,874

7. INVENTORY DATA ($000)

A. TOTAL AREA	694 Acres	
B. INVENTORY TOTAL AS OF JULY 5, 2017		91,432
C. AUTHORIZATION NOT YET IN INVENTORY		0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		10,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
F. PLANNED IN NEXT THREE YEARS		0
G. REMAINING DEFICIENCY		0
H. GRAND TOTAL		101,432

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	Project Number	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
55010	91034	Ambulatory Care Center ADD/ALT	18,146 SF	10,000	10 / 2017	11 / 2018

9. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
A.	INCLUDED IN THE FOLLOWING PROGRAM (2020): None		0
B.	PLANNED NEXT THREE PROGRAM YEARS (2021- 2023): None		0
C.	R&M UNFUNDED REQUIREMENT:		0

10. MISSION OR MAJOR FUNCTION:

Provide outstanding installation support, services, force protection and worldwide communications to the warfighter across the entire spectrum of operations. Supports NATO, EUCOM, CENTCOM, AFSPC, DoS & MoD operations. Sustain 420 plus C2 circuits supporting 25% of all European Theatre to CONUS communications.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component DEF (DHA)	**FY 2019 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2018
3. Installation and Location/UIC: RAF Croughton, United Kingdom	4. Project Title: Ambulatory Care Center Addition / Alteration	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	55010	91034	10,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				7,175
Medical Clinic Addition – CATCODE 55010	SF	14,969	438	(6,556)
Medical Clinic Alteration – CATCODE 55010	SF	2,943	170	(500)
Dental Clinic Alteration – CATCODE 54024	SF	234	370	(87)
Re-Commission Existing Clinic	LS	--	--	(32)
SUPPORTING FACILITIES				1,626
Electric Service	LS	--	--	(305)
Water, Sewer, Gas	LS	--	--	(42)
Parking/Paving, Walks, Curbs And Gutters	LS	--	--	(247)
Storm Drainage	LS	--	--	(137)
Site Imp (274) Demo (0)	LS	--	--	(289)
Antiterrorism/Force Protection	LS	--	--	(12)
EISA 2007 Section 438 (Low Impact Development)	LS	--	--	(89)
Other (O&M Manuals, CID, PCAS, and Enhanced Commissioning)	LS	--	--	(505)
ESTIMATED CONTRACT COST				8,801
CONTINGENCY PERCENT (5.00%)				440
SUBTOTAL				9,241
SUPERVISION, INSPECTION & OVERHEAD (2.50%)				231
DESIGN/BUILD – DESIGN COST (6.00%)				528
TOTAL REQUEST				10,000
TOTAL REQUEST (NOT ROUNDED)				10,000
INSTALLED EQT-OTHER APPROPRIATIONS				(2,800)

10. Description of Proposed Construction:

Construct a two story addition to the existing ambulatory care center and alter the existing medical facility. The project will provide outpatient medical services, mental health services, physical therapy, dental services, ancillary services, and space for support/administrative functions. Supporting facilities include utilities, site improvements, parking, signage, antiterrorism force protection measures, and environmental protection measures. The project will be designed in accordance with Unified Facilities Criteria (UFC) 4-510-01 Design: Military Medical Facilities, UFC 1-200-01 General Building Requirements, UFC 1-200-02 High Performance and Sustainable Building Requirements, UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings, barrier free design in accordance with Architectural Barriers Act (ABA) Accessibility Standard and DEPSECDEF Memorandum "Access for People with Disabilities" dated 10/31/2008, and MHS World Class principles per World Class Checklist Requirements. Operation and Maintenance Manuals, Enhanced Commissioning and Comprehensive Interior Design will be provided.

11. REQ:	ADQT:	SUBSTD:
CATCODE 55010 = 32,316 SF	14,404 SF	2,943 SF
CATCODE 54024 = 6,099 SF	5,865 SF	234 SF

PROJECT:

Construct an addition and alter the 422nd Medical Group healthcare facility to accommodate the doubling of population at RAF Croughton due to the planned closure of RAF Alconbury and RAF Molesworth. (CURRENT MISSION)

1. Component DEF (DHA)	**FY 2019 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEB 2018
3. Installation and Location/UIC: RAF Croughton, United Kingdom	4. Project Title: Ambulatory Care Center Addition / Alteration	

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
87717DHA	55010	91034	10,000

REQUIREMENT:
This project is required to support the European Infrastructure Consolidation plans for the UK and provide adequate medical and dental treatment facilities for impacted beneficiaries.

CURRENT SITUATION:
The existing RAF Croughton clinic was constructed to serve a population of 1,200. The European Infrastructure Consolidation plans will close the RAF Alconbury and RAF Molesworth installations, to include their medical/dental facilities. The closures will result in an end-state population at RAF Croughton of 2,300 personnel (994 Active Duty, approximately 1,153 AD Family Member, and 116 eligible foreign NATO military personnel). The current RAF Croughton facility requires an addition to meet the increased healthcare and dental needs of the increased population.

IMPACT IF NOT PROVIDED:
The existing clinic cannot accommodate the full range of required services or patient volume following relocation of additional beneficiaries from RAF Alconbury and RAF Molesworth to RAF Croughton by FY 2020-2021.

JOINT USE CERTIFICATION:
The Director, Defense Health Agency, Facilities Division has reviewed this project for joint use potential. Joint use construction is recommended.

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12. Supplemental Data:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design Build
(2) Design Data:	
(a) Request for Proposal (RFP) Started:	OCT/2017
(b) Percent of Design Completed as of Jan 2018 (BY-1):	20%
(c) RFP Complete:	NOV/2018
(d) Total Design Cost ($000):	471
(e) Energy Studies 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:	FEB/2020
(c) Construction Complete:	SEP/2021

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Investment	OP	2019	150
Expense	OM	2019	150
Investment	OP	2020	150
Expense	OM	2020	2,050
Expense	OM	2021	300

Chief, Design, Construction & Activation Office:
Phone Number: 703-275-6077

Defense Logistics Agency
FY 2019 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Alaska				
Joint Base Elmendorf-Richardson Air Force Base				
Operations Facility Replacement	14,000	14,000	C	22
Arkansas				
Little Rock Air Force Base				
Hydrant Fueling System Alterations	14,000	14,000	C	26
California				
DLA Distribution, San Joaquin/Tracy				
Main Access Control Point Upgrades	18,800	18,800	C	31
Maine				
Portsmouth Naval Shipyard, Kittery				
Consolidated Warehouse Replacement	11,600	11,600	C	35
New Jersey				
Joint Base McGuire-Dix Lakehurst				
Hot Cargo Hydrant System Replacement	10,200	10,200	C	39
Oklahoma				
McAlester Army Ammunition Plant				
Bulk Diesel System Replacement	7,000	7,000	C	42
Texas				
DLA Distribution, Red River Army Depot				
General Purpose Warehouse	71,500	71,500	C	46
Joint Base San Antonio				
Energy Aerospace Operations Facility	10,200	10,200	C	50
Virginia				
Joint Base Langley Eustis				
Fuel Facilities Replacement	6,900	6,900	C	54
Ground Vehicle Fueling Facility Replacement	5,800	5,800	C	57
Washington				
Joint Base Lewis-McChord				
Refueling Facilities	26,200	26,200	C	61

Defense Logistics Agency
FY 2019 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Japan				
Marine Corps Air Base Iwakuni				
Fuel Pier	33,200	33,200	C	70
Kadena Air Base				
Truck Unload Facilities	21,400	21,400	C	66
Total	**250,800**	**250,800**		

1. Component	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation And Location	4. Command	5. Area Construction Cost Index
JOINT BASE ELMENDORF-RICHARDSON AIR FORCE BASE, ALASKA	DEFENSE LOGISTICS AGENCY	2.10

6. PERSONNEL tenant of U.S. Air Force	(1)PERMANENT			(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF										
b. END FY										

7. INVENTORY DATA *($000)*	
A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF 30 SEP 2015	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	14,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	14,000

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1)Code	(2) PROJECT TITLE	(3) SCOPE	*($000)*	(1)START	(2)COMPLETE
121	OPERATIONS FACILITY REPLACEMENT	4,990 SF	14,000	05/17	07/18

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
		NONE	

b. PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
		NONE	

10. MISSION OR MAJOR FUNCTION

Joint Base Elmendorf-Richardson (JBER) host unit is the 673rd Air Base Wing (ABW). JBER is also home to Alaskan Command and the 11th Air Force; U.S. Army Alaska; Alaska Department of Military and Veterans Affairs; Alaska National Guard; 3rd Wing; 176th Wing; 4th Infantry Brigade Combat Team (airborne); 25th Infantry Division; 2nd Engineering Brigade; 477th Fighter Group; and more than 60 other mission partners. The 673 ABW is responsible for providing expeditionary combat support and the day-to-day operations of the installation. Aircraft assigned to JBER: F-22 Raptor, C17 Globemaster III, E-3 Sentry, C-130 Hercules, C12F Huron, UH60 Black Hawk, and JJ60 Pave Hawk.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $0.3 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: *($000)*

A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
JOINT BASE ELMENDORF-RICHARDSON AIR FORCE BASE, ALASKA	OPERATIONS FACILITY REPLACEMENT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	121111	DESC1910	14,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES.....	-	-	-	6,844
OPERATION FACILITY (CC 121111)	SF	4,990	791	(3,947)
REFUELER PARKING CANOPIES (CC 145921)	SF	37,140	78	(2,897)
SUPPORTING FACILITIES.....	-	-	-	5,606
SITE IMPROVEMENTS	LS	-	-	(2,534)
STORMWATER AND UTILITIES	LS	-	-	(1,662)
DEMOLITION AND SITE PREPARATION	LS	-	-	(755)
ELECTRICAL AND COMMUNICATIONS	LS	-	-	(656)
SUBTOTAL.....	-	-	-	12,450
CONTINGENCY (5%).....	-	-	-	623
ESTIMATED CONTRACT COST.....	-	-	-	13,073
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.5%)..	-	-	-	850
TOTAL	-	-	-	13,923
TOTAL (ROUNDED)	-	-	-	14,000
REQUIREMENTS FROM OTHER APPROPRIATIONS (NON-ADD)..	-	-	-	(400)

10. Description of Proposed Construction:

Construct a fuels operations facility complete with fuels laboratory with recessed flooring, vent hood, hazmat lockers with separate exhaust system, emergency eyewash and related built–in lab equipment, safety features, administrative and support areas. The new facility shall be equipped with high efficiency HVAC systems, mechanical, electrical, and telecom rooms, lighting, direct digital control (DDC) system, fire sprinklers and alarm system, mass notification system, energy management control systems. Refueler parking canopies include head bolt heaters, grounding, and infrastructure for security cameras. The facilities shall be equipped with lightning protection.

Site improvements include refueler truck parking for approximately 28 vehicles, site paving, access drives, and GOV/POV parking for approximately 62 vehicles, and security fencing. Utilities include storm water management, water, sanitary and fire protection.

Demolition includes building #11673 (approximately 1,785 SF), clearing, grubbing, utility relocations and site preparation. Electrical work includes underground duct banks for power & communications and related supporting facility work.

Anti-terrorism Force Protection (ATFP), cyber-security and sustainable design principles will be incorporated into the design and construction. Cost effective energy conserving features will be incorporated into the design including energy management control systems, high efficiency Heating Ventilation & Air Conditioning (HVAC) systems, and LED lighting.

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
JOINT BASE ELMENDORF-RICHARDSON AIR FORCE BASE, ALASKA	OPERATIONS FACILITY REPLACEMENT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	121111	DESC1910	14,000

11. REQUIREMENT: 4,990 SQUARE FOOT (SF) **ADEQUATE:** 0 SF **SUBSTANDARD:** 6,137 SF

PROJECT: Replace petroleum, oil and lubricants (POL) operations facility that supports truck refueling operations at JBER. (C)

REQUIREMENT: Provide a consolidated POL facility to increase efficiency of operations, reduce response times and operations and maintenance costs.

CURRENT SITUATION: The 673rd LRS Fuels Management Flight Operations facilities are no longer located in proximity to aircraft operations due to the departure of F-15s and the arrival of F-22, C-17, and Air National Guard assets in 2007. The new bed down locations of these assets increased the truck service distance to 24 miles per round trip. There are approximately 75 of these missions conducted via refueler truck every day at JBER.

The overall time to aircraft from the existing operations facility does not meet North American Aerospace Defense Command (NORAD), Combat Alert Cell (CAC) and standard training sortie turn-times. Currently routine truck maintenance on R-11, R-12, and C-300 refuelers take place without cover in an area of the country that experiences excessive annual snowfalls and 24-hours of darkness during the winter months.

The current fuel operations and fuel lab does not meet current fueling facility standards and the lab is not compliant with mandatory safety and current design criteria. There is no recessed flooring in the lab, air recirculates throughout the facility due to inadequate ventilation, and fire partitions are not adequate to separate the lab from the remainder of the building.

IMPACT IF NOT PROVIDED: Refueler trucks will continue travelling long-distance routes across JBER roads to fuel aircraft over 75 times a day, violating NORAD and CAC standard training sortie turn-times. Extended travel distances also increase the risk of fuel vehicle accidents.

Because of the long travel routes, maintenance on refueler trucks has increased to over $46k per year. Refuel trucks are also parked in the elements without any shelter from the artic conditions. The refueling fleet experiences an average of 37 cold related mechanical issues per month in the winter, which adds to late response times or insufficient equipment available to accomplish the mission.

ADDITIONAL: This project meets all applicable DoD criteria. The Defense Logistics Agency certifies that this facility was considered for joint use, as applicable, by other components. Mission requirements, operational considerations, and location are incompatible with use by other components. The project design, development, and construction will integrate sustainable principles, to include Life Cycle cost effective practices, in accordance with Executive Orders, and other applicable laws. This project is outside of the 100-year flood plain.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Acquisition Strategy	Design Bid Build

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
JOINT BASE ELMENDORF-RICHARDSON AIR FORCE BASE, ALASKA	OPERATIONS FACILITY REPLACEMENT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	121111	DESC1910	14,000

2. Design Data	
(a) Design or Request for Proposal (RFP) Started:	MAY/2017
(b) Percent of Design Completed as of Jan 2017 (BY-1):	35%
(c) Design or RFP Complete:	JUL/2018
(d) Total Design Cost ($000):	976
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Standard or definitive design used?	No
3. Construction Data:	
(a) Contract Award:	MAR/2019
(b) Construction Start:	MAY/2019
(c) Construction Complete:	OCT/2021

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
FURNITURE, FIXTURES & EQUIPMENT	O&M AF	FY20	200
COMMUNICATION & CCTV EQUIPMENT	O&M AF	FY20	200

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation And Location	4. Command	5. Area Construction Cost Index
LITTLE ROCK AIR FORCE BASE, ARKANSAS	DEFENSE LOGISTICS AGENCY	0.82

6. PERSONNEL tenant of U.S. Air Force	(1)PERMANENT			(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF										
b. END FY										

7. INVENTORY DATA *($000)*	
A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF 30 SEP 2015	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	14,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE PROGRAM YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	14,000

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1)Code	(2) PROJECT TITLE	(3) SCOPE	*($000)*	(1)START	(2)COMPLETE
121	HYDRANT FUELING SYSTEM ALTERATIONS	3,800 SF	14,000	03/17	06/18

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
		NONE	

b. PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
		NONE	

10. MISSION OR MAJOR FUNCTION

Little Rock AFB is part of the Air Mobility Command (AMC). It is home to two airlift wings (19th and 314th) with six C-130 squadrons conducting operations and training. The installation is the sole Department of Defense C-130 training base, Air National Guard C-130 airlift wing, Air Combat Command weapons squadron, and Air Force Reserve aerial port squadron. Air Education and Training Command's 714th Training Squadron is the focal point for all C-130 formal training functions and manages 1,700 C-130H/J students annually.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $0.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: *($000)*

A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
LITTLE ROCK AIR FORCE BASE, ARKANSAS	HYDRANT FUELING SYSTEM ALTERATIONS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	121124	DESC1902	14,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES.....	-	-	-	7,013
PUMPHOUSE (CC 121124)	SF	3,800	1,594	(6,057)
FILLSTAND (CC 126925)	OL	2	326,594	(653)
TRUCK UNLOAD (CC 126926)	OL	2	151,288	(303)
SUPPORTING FACILITIES.....	-	-	-	5,591
SITE WORK	LS	-	-	(1,555)
MECHANICAL WORK	LS	-	-	(1,489)
DEMOLITION AND SITE PREPARATION.....	LS	-	-	(1,358)
SITE IMPROVEMENTS	LS	-	-	(1,027)
SITE CIVIL AND UTILITIES.....	LS	-	-	(161)
SUBTOTAL.....	-	-	-	12,604
CONTINGENCY (5%).....	-	-	-	630
ESTIMATED CONTRACT COST.....	-	-	-	13,234
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)..				754
TOTAL	-	-	-	13,988
TOTAL (ROUNDED)	-	-	-	14,000
REQUIREMENTS FROM OTHER APPROPRIATIONS (NON-ADD)..	-	-	-	(2,290)

10. Description of Proposed Construction:

This project will provide a new pump house near the bulk fuel farm, with three 600-GPM pumps, filter separators, a jockey pump and all related piping, piping supports, valves, and appurtenances. The pump house shall contain pump room, control room, fire sprinkler room, restroom and mechanical room, along with emergency shut-off, emergency shower and eyewash, HVAC, fire sprinklers, alarms, bridge crane, pump controls, grounding and lightning protection, power line communications (PLC) for pump control, emergency fuel shut-offs for the new truck unload, all communications and data infrastructure, leak detection panels and environmental management control systems (EMCS) equipment. The HVAC system will connect to the base-wide EMCS system. Anti-terrorism (AT/FP), cyber-security, and sustainable design principles will be incorporated into the design and construction. The pump house will support new fill stands at the flight line, the existing bulk fill stands, and the truck unload and gravity fed drop tanks, located at the bulk fuel farm.

The new fill stands will replace the two existing fill stands on the flight line and shall tie into the existing transfer lines and each will be equipped with two pantographs.

The two new truck unload stations will utilize a gravity fed drop tank off-loading system that will tie into the pump house. Each tank will have two 600-GPM offload pumps. Each station will have spill containment and will tie into a containment basin.

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
LITTLE ROCK AIR FORCE BASE, ARKANSAS	HYDRANT FUELING SYSTEM ALTERATIONS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	121124	DESC1902	14,000

Site work will include trench excavation and backfill, as well as, excavation for embankments and structures. Grading and compaction work will be included as deemed necessary.

Supporting electrical work includes primary and secondary service & connections, transformers, standby generator, site lighting at both the bulk area and airfield, grounding at truck fill stands, tank level alarms, tank gauging and alarms, product recovery tank and unload drop tank alarms and gauging; underground duct bank with fiber optic connection to the pump house, leak detection and cathodic protection.

Supporting mechanical piping and utilities includes product recovery tank, issue & receipt piping and supports to the bulk tanks, piping and supports from truck unload to drop tanks, piping and supports from the existing fill stands at bulk storage, pipe cleaning (PIG) launcher and receiver and other piping to connect existing facilities to the fuel system.

Demolition and site preparation includes pump houses 1 and 6 (facilities 10 & 70E, approximately 4,171 SF), pump houses 1346E and 1350E (approx. 510 SF), two fill stands at the flight line (facilities 68E and 2E), existing hydrant pits and piping, fourteen underground storage tanks, pavement demolition, modification to existing bulk tank containment dikes, excavation, erosion and sediment control.

Site Improvements include asphalt and concrete paving, spill containment curbing and basins, site walks, site grading and seeding. Civil utilities include storm water piping and improvements, potable water, firewater, sanitary pump station and connections, gates and fencing.

11. REQUIREMENT: 3,800 SQUARE FEET (SF) **ADEQUATE: 0** SF **SUBSTANDARD:** 4,171 SF

PROJECT: Provide a new POL pump house, truck unload, truck fill stands and alter the existing hydrant fuel system. (C)

REQUIREMENT: This project is required to improve fuel throughput at the base. Due to the existing pipeline configuration, it is not possible to simultaneously receive fuel into the Bulk Fuel Facility and issue fuel into the fill stands or perform a tank-to-tank transfer. Additionally, there is no receipt filtration as required by current DoD standards. The new fuel system will replace the existing system and provide an efficient system able to meet the current mission requirements of the base.

CURRENT SITUATION: Refueler trucks are currently the only method of receipt at this installation since decommissioning of the existing receipt pipeline in 2013. The existing 1,200 GPM system does not allow fast enough fueling during peak periods of the base training operations. In addition, the current pumping and piping configuration at the bulk fuel facility allows for either receipt operations or dispensing operations at any point in time, but not for simultaneous receipt and dispensing. Little Rock AFB supports numerous aircraft as a weather evacuation location.

There is no means for receipt filtration, which requires the installation to allow the fuel

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA		2. Date
DEFENSE (DLA)			FEBRUARY 2018
3. Installation and Location		4. Project Title	
LITTLE ROCK AIR FORCE BASE, ARKANSAS		HYDRANT FUELING SYSTEM ALTERATIONS	
5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	121124	DESC1902	14,000

to settle in bulk storage tanks for 24-hours. After the 24-hour settlement period, it is tested and accepted for compliance with fuel quality standards before use.

Further, the existing hydrant system is operating under a waiver because of the proximity of two pump houses near the airfield. In addition the existing hydrant system is no longer in use because aircraft parking plans do not match the hydrant pit locations and the small fuel loads for the C-130s are better suited to truck refueling. The existing hydrant system must undergo monthly flushing maintenance to continue deferment from federal underground storage tank regulations.

IMPACT IF NOT PROVIDED: The current configuration impacts the facility's ability to meet mission requirements during peak periods of training and operations. The Base mission is continually affected since the bulk fuel facilities cannot simultaneously receive and dispense fuel. The systems do not have full functional capability, as there is only one means of fuel receipt, which does not meet DoD standards. In addition, there is no receipt filtration at the facility as required which could detrimentally affect the base mission if off-specification fuel is used. The apron fill stands cannot receive adequate fuel with the existing 300 GPM arrangement and therefore cannot dispense enough fuel to the trucks causing them to have to travel to the bulk fuel site. This causes unnecessary delays, and the need for additional trucks and workers.

The existing hydrant and underground storage tank systems are an environmental liability and require extensive revision to meet mandated EPA standards for overfill prevention, release detection, monitoring, and operating procedures. A failure to comply may incur fines and a shutdown of the system and underground storage tanks. The airfield will continue to operate under a waiver if pump houses remain on the airfield.

ADDITIONAL: This project meets all applicable DoD criteria. The Defense Logistics Agency certifies that this facility was considered for joint use, as applicable, by other components. Mission requirements, operational considerations, and location are incompatible with use by other components. The project design, development, and construction will integrate sustainable principles, to include Life Cycle cost effective practices, in accordance with Executive Orders, and other applicable laws. This project will meet all applicable DOD criteria to include cyber-security.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Acquisition Strategy:	Design Bid Build
2. Design Data	
(a) Design or Request for Proposal (RFP) Started:	MAR/2017
(b) Percent of Design Completed as of Jan 2018 (BY-1):	35%
(c) Design or RFP Complete:	JUN/2018
(d) Total Design Cost ($000):	1,100
(e) Energy Study and/or Life Cycle Analysis performed:	No
(f) Standard or definitive design used?	No
3. Construction Data:	
(a) Contract Award:	JAN/2019

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
LITTLE ROCK AIR FORCE BASE, ARKANSAS	HYDRANT FUELING SYSTEM ALTERATIONS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	121124	DESC1902	14,000

(b) Construction Start:	FEB/2019
(c) Construction Complete:	SEP/2020

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
AUTOMATIC TANK GAUGING	DWCF	2020	50
ENVIRONMENTAL REMEDIATION	DWCF	2019	2,240

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation And Location	4. Command	5. Area Construction Cost Index
DLA DISTRIBUTION, SAN JOAQUIN/TRACY, CALIFORNIA	DEFENSE LOGISTICS AGENCY	1.24

6. PERSONNEL tenant of U.S. Army	(1)PERMANENT			(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF										
b. END FY										

7. INVENTORY DATA *($000)*	
A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF 30 SEP 2015	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	18,800
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE PROGRAM YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	18,800

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1)Code	(2) PROJECT TITLE	(3) SCOPE	*($000)*	(1)START	(2)COMPLETE
141	MAIN ACCESS CONTROL POINT UPGRADES	4,468 SF	18,800	05/17	11/18

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
		NONE	

b. PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
		NONE	

10. MISSION OR MAJOR FUNCTION

Defense Distribution Depot San Joaquin is the DoD’s Western Strategic Distribution Platform and DLA’s primary distribution point to the western U.S., Pacific Theater, and Indian Ocean areas. DLA Distribution San Joaquin coordinates global materiel distribution and other logistics activities in support of U.S. forces worldwide, warehouses and manages assigned DLA and service materiel, and optimizes downstream supply chain activities in order to deliver, on time, whatever the warfighter needs.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $41 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: *($000)*

A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
DLA DISTRIBUTION SAN JOAQUIN/TRACY, CALIFORNIA	MAIN ACCESS CONTROL POINT UPGRADES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	14113	DDCX1902	18,800

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	4,280
GATE HOUSE (CC 14113)	SF	933	1,256	(1,172)
VISITOR CONTROL CENTER (CC14113)	SF	2,730	361	(986)
ACTIVE BARRIERS (CC 14915).....	EA	4	242,226	(969)
INSPECTION BUILDING (CC 14113)	SF	649	911	(591)
SPECIAL COSTS	LS	-	-	(271)
CANOPIES (CC 14179)	SF	7,152	19	(136)
GUARD BOOTHS (CC 14113)	SF	120	931	(112)
OVER WATCH BUILDING (CC14113)	SF	36	1,203	(43)
SUPPORTING FACILITIES.....	-	-	-	12,634
SITE IMPROVEMENTS	LS	-	-	(6,067)
ELECTRICAL,COMMUNICATIONS/CYBER-SECURITY	LS	-	-	(4,118)
DEMOLITION AND SITE PREPARATION.....	LS	-	-	(2,449)
SUBTOTAL….....	-	-	-	16,914
CONTINGENCY (5%)…....	-	-	-	846
ESTIMATED CONTRACT COST….....	-	-	-	17,760
SUPERVISION, INSPECTION & OVERHEAD (SIOH)(5.7%)...	-	-	-	1,012
TOTAL	-	-	-	18,772
TOTAL (ROUNDED)	-	-	-	18,800
REQUIREMENTS FROM OTHER APPROPRIATIONS (NON-ADD)..	-	-	-	(570)

10. Description of Proposed Construction:

Upgrade the main gate access control point (ACP) at Defense Depot San Joaquin, California. ACP facilities are comprised of a gatehouse, a visitor control center (VCC), active barriers, vehicle inspection facility with under vehicle inspection system, guard booths and over-watch buildings. The facilities will have fire suppression and alarm systems, mass notification systems, heating, ventilation and air condition (HVAC) systems, electrical power and communications, building automation systems, energy monitoring and control systems and utilities.

Special costs include temporary trailers to maintain access control during construction. Provide canopies over the vehicle inspection facility and at guard booths/ID checkpoint.

Site Improvements include all paving, walks, curbing, visitor center parking for approximately 40 vehicles, six spaces for security vehicle parking near the guard booths, one parking space near the over-watch building, security fencing, sliding gates, passive barriers, landscaping and related site work and intersection improvements, utilities including water, fire water and hydrants, sanitary sewer, natural gas, storm drainage, low impact development features, connections and related work.

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
DLA DISTRIBUTION SAN JOAQUIN/TRACY, CALIFORNIA	MAIN ACCESS CONTROL POINT UPGRADES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	14113	DDCX1902	18,800

Electrical and communications work includes power and controls for active vehicle barriers, connectivity for CCTV between the ACP and Base Dispatch, primary and secondary power and connections, emergency generator, power for motorized gate, transformers, under vehicle lighting and camera system at the vehicle inspection area, street lighting, communication, CCTV and California Law Enforcement Telecom system interface, site & security lighting, traffic signalization and related work.

Demolition and site preparation includes the demolition of existing guard booth 109, inspection canopy 119, and warehouse 3 (175,602 SF); removal of pavements, fencing, power poles, site clearing and related activities.

Anti-Terrorism Force Protection (ATFP), cyber-security and sustainable design principles will be incorporated into the design and construction. The VCC will be accessible for individuals with disabilities and will have additional design features to achieve LEED Silver standards. The facilities will meet Army standard ACP criteria.

11. REQUIREMENT: 4,468 SQUARE FEET (SF) **ADEQUATE:** 0 SF **SUBSTANDARD:** 175,602 SF

PROJECT: Construct a permanent ACP at the Main Gate (C)

REQUIREMENT: To provide a Unified Facilities Criteria compliant ACP with VCC at the main gate of Defense Distribution Depot San Joaquin, that eliminates and/or mitigates potential security threats to the depot and its employees. This includes corrective action for items identified during the installation’s site assessment by the Joint Staff Integrated Vulnerability Assessment team from the United States Army Corps of Engineers Protective Design Center and the United States Army Transportation Engineering Agency. This project will consolidate two gates used by employees and visitors to the installation, and will mitigate traffic issues on the public roadway used to access the installation.

CURRENT SITUATION: The 58-year old existing ACP does not meet current DoD requirements for ACPs. The existing installation entrance lacks essential vehicle inspection and barrier systems to detect and stop threat vehicles from entering the compound. The ACP lacks adequate traffic queuing lanes, insufficient approach areas, access control and response zones, inadequate inspection areas, inadequate security fencing and barriers, and an area to securely process visitors. These deficiencies leave the installation facilities and occupants vulnerable to vehicle-borne threats.

IMPACT IF NOT PROVIDED: Critical DoD logistic and security operations will be vulnerable to disruption and potentially long-term denial of service, which could have an immediate impact on the command and control of these worldwide operations. Traffic along the city roadway will continue to experience congestion while vehicles wait to enter the base, experience delays by inadequate visitor processing and delays while vehicles denied entry turn around. Installation security forces will continue utilizing inadequate facilities to inspect incoming trucks and automobiles, fencing will continue to be susceptible to vehicle-borne threats.

ADDITIONAL: This project meets Army access control requirements criteria and all applicable DoD criteria to include cyber-security requirements. This site is outside of the 100-year floodplain.

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
DLA DISTRIBUTION SAN JOAQUIN/TRACY, CALIFORNIA	MAIN ACCESS CONTROL POINT UPGRADES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	14113	DDCX1902	18,800

12. Supplemental Data:	
A. Estimated Design Data:	
1. Acquisition Strategy:	Design Bid Build
2. Design Data	
(a) Design or Request for Proposal (RFP) Started:	MAY/2017
(b) Percent of Design Completed as of Jan 2018 (BY-1):	35%
(c) Design or RFP Complete:	NOV/2018
(d) Total Design Cost ($000):	1,504
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Standard or definitive design used?	Yes
2. Construction Data:	
(a) Contract Award:	JAN/2019
(b) Construction Start:	MAR/2019
(c) Construction Complete:	JUN/2021

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
FURNITURE	DWCF	2021	80
SECURITY/ACCESS CONTROL SYSTEM	DWCF	2019	440
INFORMATION SYSTEMS	DWCF	2020	50

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation And Location	4. Command	5. Area Construction Cost Index
PORTSMOUTH NAVAL SHIPYARD, KITTERY, MAINE	DEFENSE LOGISTICS AGENCY	1.05

6. PERSONNEL tenant of U.S. Navy	(1)PERMANENT			(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF										
b. END FY										

7. INVENTORY DATA *($000)*	
A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF 30 SEP 2015	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	11,600
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	11,600

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1)Code	(2) PROJECT TITLE	(3) SCOPE	*($000)*	(1)START	(2)COMPLETE
441	CONSOLIDATED WAREHOUSE REPLACEMENT	29,200 SF	11,600	10/16	12/18

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
		NONE	

b. PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
		NONE	

10. MISSION OR MAJOR FUNCTION

Portsmouth Naval Shipyard's primary mission is the overhaul, repair, and modernization of Los Angeles-class submarines. DLA Land and Maritime provides logistics support to the Navy, and in conjunction with them, are responsible for quality control, storage and distribution of the Fleet inventory of Level I/Subsafe components.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $0.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: *($000)*

A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
PORTSMOUTH NAVAL SHIPYARD, KITTERY, MAINE	CONSOLIDATED WAREHOUSE REPLACEMENT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	44110	DDCC1901	11,600

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	8,709
STORAGE WAREHOUSE (CC 44110)	SF	29,200	285.39	(8,333)
SPECIAL COSTS (SDD, CYBER, PCAS & OMSI)	LS	-	-	(376)
SUPPORTING FACILITIES	-	-	-	1,664
SITE IMPROVEMENTS & PAVING	LS	-	-	(627)
SITE PREP AND DEMOLITION	LS	-	-	(536)
SPECIAL FOUNDATIONS	LS	-	-	(433)
UTILITIES	LS	-	-	(68)
SUBTOTAL	-	-	-	10,374
CONTINGENCY (5%)	-	-	-	519
ESTIMATED CONTRACT COST….....	-	-	-	10,892
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)..	-	-	-	621
TOTAL	-	-	-	11,513
TOTAL (ROUNDED)	-	-	-	11,600
REQUIREMENTS FROM OTHER APPROPRIATIONS (NON-ADD)..	-	-	-	(8,559)

10. Description of Proposed Construction:

Construct a one-story, high-bay steel framed storage warehouse addition with an insulated pitched metal standing seam roof set on a reinforced concrete floor slab and foundation to match the existing warehouse. This project constructs a new warehouse addition to building 170 and includes staging areas, scale, mechanized overhead doors, utility services, fire suppression, fire pumps, alarm and security systems, grounding and lightning protection, anti-terrorism force protection and related work. Special costs include cybersecurity, building commissioning, Post Construction Award Services (PCAS) and Operations, Maintenance and Support Information (OMSI).

Site improvements include all paving, walks, POV parking and restriping, fencing, and gates, topsoil, seed and landscaping, and storm water management. Demolition and site preparation includes tree removal, clearing & grubbing, removal of paving and walks, removal of unsuitable soil, erosion and sediment control. Special foundations include bedrock excavation, grade beams, footings, and piers. Utilities include electrical, fire, water, sanitary services, connections, and utility relocations.

Anti-terrorism force protection (AT/FP), cyber-security, and sustainable design principles will be incorporated into the design and construction.

11. REQUIREMENT: 191,261 SQUARE FEET (SF) **ADEQUATE:** 6,336 SF **SUBSTANDARD:** 191,261 SF

PROJECT: Provide a warehouse addition to consolidate storage and replace existing, inadequate storage. (C)

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA		2. Date
DEFENSE (DLA)			FEBRUARY 2018
3. Installation and Location		**4. Project Title**	
PORTSMOUTH NAVAL SHIPYARD, KITTERY, MAINE		CONSOLIDATED WAREHOUSE REPLACEMENT	
5. Program Element	**6. Category Code**	**7. Project Number**	**8. Project Cost ($000)**
0702976S	44110	DDCC1901	11,600

REQUIREMENT: DLA Maritime at Portsmouth Naval Shipyard (PNS) requires a 29,200 SF addition to the existing warehouse Building 170. This project completes the consolidation of a submarine component facility that will enhance the joint ability of the DLA and Navy to receive, inspect, and distribute submarine components for worldwide fleet support.

CURRENT SITUATION: DLA Maritime operates out of multiple, old facilities at the Portsmouth Naval Shipyard. The new facility will replace storage in buildings 132 and 149. The 1920's facilities are inadequate in size and capability. They are in failed or rapidly failing condition and are beyond economical repair. Wooden roofs and wall systems require on-going maintenance to prevent leaks during inclement weather. Damage to wood stored in Building 149 is common due to the leaky roof.

Operations are also logistically inefficient due to inadequate floor loading capacity and the lack of modern material handling systems, requiring all stored materials to be manually loaded/unloaded via forklifts, itemized and placed in aging storage racks. The existing buildings lack automatic fire suppression, alarms, and detection systems. The buildings lack sufficient lighting, do not have emergency lighting or signage, phone or data service.

The facilities lack insulation and have inadequate heating and ventilation systems. Utility systems have failed in several facilities and steam leaks have resulted in mold growth. Restrooms in some locations are not operational due to ruptured water lines. The lack of adequate heating necessitates reliance on temporary electric heaters, increasing the risk of fire. The use of temporary heaters has resulted in Occupational Safety and Health (OSH) deficiencies, and, in one case, a fire resulting from an overloaded electrical panel.

IMPACT IF NOT PROVIDED: DLA will continue operating in dilapidated and inefficient facilities as well as rely on the use of outdoor storage areas because existing facilities are undersized. The continued exposure of materials to the elements causes accelerated deterioration. Prior to their use, removal of surface rust from metal components results in higher repair shop operating costs.

Continued reliance on forklifts increases the risk of personnel injury when multiple movements of heavy material occur to accommodate additional storage in inefficient, dark, and wet locations. The cold working environment increases the risk to worker safety, sometimes forcing the use of gloves and bulky clothing to perform routine functions. The need to travel between buildings takes personnel away from their primary duty area and causes delays, resulting in an inefficient flow of components and personnel.

Energy, operating and maintenance costs will continue to rise without this project. Working conditions in poorly lit, inadequate, deteriorating facilities is a safety risk and negatively affects worker morale and productivity.

ADDITIONAL: This project will meet applicable UFC and DoD criteria to include cyber-security. This project will integrate sustainable principles into design and construction. This project is suitable for joint-use. The site is outside of the 100-year floodplain.

12. Supplemental Data:	
A. Estimated Design Data:	

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
PORTSMOUTH NAVAL SHIPYARD, KITTERY, MAINE	CONSOLIDATED WAREHOUSE REPLACEMENT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	44110	DDCC1901	11,600

1. Acquisition Strategy:	Design Bid Build
2. Design Data	
(a) Design or Request for Proposal (RFP) Started:	OCT/2016
(b) Percent of Design Completed as of Jan 2018 (BY-1):	35%
(c) Design or RFP Complete:	DEC/2018
(d) Total Design Cost ($000):	1,160
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Standard or definitive design used?	Yes
3. Construction Data	
(a) Contract Award:	APR/2019
(b) Construction Start:	MAY/2019
(c) Construction Complete:	MAY/2021

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
RACKS	OPN	2020	1,441
AUTOMATIC STORAGE & RETRIEVAL SYSTEM	OPN	2020	6,916
SCALE	OPN	2020	202

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation And Location	4. Command	5. Area Construction Cost Index
JOINT BASE McGUIRE-DIX-LAKEHURST, NEW JERSEY	DEFENSE LOGISTICS AGENCY	1.23

6. PERSONNEL tenant of U.S. Air Force	(1)PERMANENT			(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF										
b. END FY										

7. INVENTORY DATA *($000)*	
A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF 30 SEP 2015	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	10,200
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	10,200

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1)Code	(2) PROJECT TITLE	(3) SCOPE	*($000)*	(1)START	(2)COMPLETE
125	HOT CARGO HYDRANT SYSTEM REPLACEMENT	3,800	10,200	03/16	04/18

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
		NONE	

b. PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
		NONE	

10. MISSION OR MAJOR FUNCTION

Joint Base McGuire-Dix-Lakehurst (JB MDL) is a tri-service military installation combining McGuire AFB, Fort Dix and Naval Air Engineering Station Lakehurst. The 87th Air Base Wing provides installation management to JB MDL and mission-ready, expeditionary Airmen to support Unified Combatant Commanders in on-going military operations. McGuire tenant wing includes the 305th Air Mobility Wing, Air Force Reserve Command's 514 AMW, and 108 Air Refueling Wing of the New Jersey Air National Guard. Fort Dix is a FORSCOM Power Projection Platform for the Northeastern US under the command and control of the US Army Reserve Command. Primary missions include being the center of excellence for training, mobilizing and deploying Army Reserve and National Guard units. Lakehurst is an activity of the Naval Air Systems Command and is used for various Naval Aviation development programs.

Deferred sustainment, restoration, and modernization for facilities at this location is $0.83 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: *($000)*

A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
JOINT BASE McGUIRE-DIX-LAKEHURST, NEW JERSEY	HOT CARGO HYDRANT SYSTEM REPLACEMENT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	125554	DESC1806	10,200

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	6,954
PIPELINE (CC 125554)	LF	3,800	1,653	(6,281)
HYDRANT FUELING PITS (CC 121122)	OL	1	672,740	(673)
SUPPORTING FACILITIES	-	-	-	2,225
CIVIL, MECHANICAL & UTILITIES	LS	-	-	(1,070)
SITE IMPROVEMENTS	LS	-	-	(621)
DEMOLITION & SITE PREPARATION	LS	-	-	(285)
ELECTRICAL UTILITIES	LS	-	-	(249)
SUBTOTAL	-	-	-	9,179
CONTINGENCY (5%)	-	-	-	459
ESTIMATED CONTRACT COST	-	-	-	9,638
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)	-	-	-	549
TOTAL	-	-	-	10,187
TOTAL (ROUNDED)	-	-	-	10,200
REQUIREMENTS FROM OTHER APPROPRIATIONS (NON-ADD)	-	-	-	

10. Description of Proposed Construction:
This project will replace the existing fuel piping and one hydrant pit located on the Hot Cargo Loading Area (HCLA) at JB McGuire-Dix. Provide a 14" piping hydrant loop, one 900-Gallon Per Minute (GPM) hydrant outlet pit and all piping, valves, valve vaults, high/low vent and drain pits to supply fuel from the existing hydrant fuel system. Install piping under the taxiway using micro-tunneling techniques.

Civil, mechanical and utilities include replacing pump impellers at the existing pump house to maintain flow rates and pressures as needed, the installation of fire water lines for fire protection, duct banks, cathodic protection, and grounding.

Site Improvements include new pavements, and pavement markings. Demolition includes saw cutting and removal of pavements & piping as needed and related site work. Provide new emergency fuel shutoff (EFSO) stations near the new hydrant fueling position to allow shutoff of the hydrant systems in the event of an emergency.

11. REQUIREMENT: 3,800 LINEAR FEET (LF) **ADEQUATE: 83,500 LF** **SUBSTANDARD:** 3,800 LF

PROJECT: Replace Hot Cargo Loading Area jet fueling hydrant and connect piping to the existing fueling system. (C)

REQUIREMENT: Aircraft carrying hot cargo must maintain a quantity-distance (QD) separation from other aircraft, permanent structures, and normal operating areas for flight line

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
JOINT BASE McGUIRE-DIX-LAKEHURST, NEW JERSEY	HOT CARGO HYDRANT SYSTEM REPLACEMENT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	125554	DESC1806	10,200

personnel. Refueling while hot cargo is onboard must occur away from other permanent structures at a HCLA sited to meet safety arc criteria.

CURRENT SITUATION: Due to failure of pipe welds, the existing hydrant loop piping to HCLA pits 1 and 2 are no longer connected and aircraft on the HCLA must be refueled using tanker trucks.

IMPACT IF NOT PROVIDED: Inability to provide safe and efficient fueling for aircraft carrying hazardous cargo. This location supports large aircraft that are best suited to fueling via hydrant system. Refueling operations will continue using tanker trucks resulting in increased man-hours spent on refueling, and longer aircraft turn-around times. Use of tanker trucks at this location increases the possibility of fuel spills, accidents, and vapor emissions. Increased operational risk will continue due to refueling vehicle proximity and maneuvering around aircraft wingtips. Use of tanker trucks for refueling will continue incurring high operation and maintenance costs.

ADDITIONAL: This project will meet all applicable Air Force, UFC, NFPA, cyber-security and similar codes & requirements. The project has been fully coordinated with the user and appropriate agencies and approved by the Installation Commander.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Acquisition Strategy:	Design Bid Build
2. Design Data	
(a) Design or Request for Proposal (RFP) Started:	MAR/2016
(b) Percent of Design Completed as of Jan 2018 (BY-1):	35%
(c) Design or RFP Complete:	APR/2018
(d) Total Design Cost ($000):	922
(e) Energy Study and/or Life Cycle Analysis performed:	N/A
(f) Standard or definitive design used?	Yes
3. Construction Data:	
(a) Contract Award:	JAN/2019
(b) Construction Start:	FEB/2019
(c) Construction Complete:	MAR/2021

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Soil Remediation	DWCF	20	100

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation And Location	4. Command	5. Area Construction Cost Index
McALESTER ARMY AMMUNITION PLANT, OKLAHOMA	DEFENSE LOGISTICS AGENCY	0.88

6. PERSONNEL tenant of U.S. Army	(1)PERMANENT			(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF										
b. END FY										

7. INVENTORY DATA *($000)*	
A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF 30 SEP 2015	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	7,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	7,000

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1)Code	(2) PROJECT TITLE	(3) SCOPE	*($000)*	(1)START	(2)COMPLETE
411	BULK DIESEL SYSTEM REPLACEMENT	3,571	7,000	03/17	12/18

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
		NONE	

b. PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
		NONE	

10. MISSION OR MAJOR FUNCTION

McAlester Army Ammunition Plant is a weapons manufacturing facility in McAlester, Oklahoma. Its mission is to produce and renovate conventional ammunition and ammunition related components. The plant stores war reserve and training ammunition. McAlester performs manufacturing, industrial engineering, and production product assurance. The plant also receives, demilitarizes, and disposes of conventional ammunition components.

Deferred sustainment, restoration, and modernization for facilities at this location is $1M.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: *($000)*

A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
McALESTER ARMY AMMUNITION PLANT, OKLAHOMA	BULK DIESEL SYSTEM REPLACEMENT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	44130	DESC18S2	7,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	3,666
ABOVE GROUND BULK STORAGE (CC 44130)	BL	3,571	480	(1,714)
TRUCK LOAD/UNLOAD (CC 12630)	OL	1	1,736,00	(1,736)
POL OPS BUILDING (CC 14164)	SF	220	798	(176)
SPECIAL COSTS	LS	-	-	(40)
SUPPORTING FACILITIES	-	-	-	2,611
DEMOLITION AND SITE PREPARATION	LS	-	-	(937)
ELECTRICAL AND COMMUNICATIONS	LS	-	-	(647)
SITE IMPROVEMENTS	LS	-	-	(509)
CIVIL STORMWATER AND UTILITIES	LS	-	-	(280)
ENVIRONMENTAL MITIGATION	LS	-	-	(238)
SUBTOTAL	-	-	-	6,277
CONTINGENCY (5%)	-	-	-	314
ESTIMATED CONTRACT COST	-	-	-	6,591
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)	-	-	-	376
TOTAL	-	-	-	6,966
TOTAL (ROUNDED)	-	-	-	7,000
REQUIREMENTS FROM OTHER APPROPRIATIONS (NON-ADD)	-	-	-	2,209

10. Description of Proposed Construction:

Construct a Diesel Bulk Storage Facility for McAlester Army Ammunition Plant (MCAAP) consisting of multiple fuel storage tanks (totaling 150,000 gallons), tank truck load and unload, and POL operations building.

The above ground storage tanks will be double-walled horizontal tanks with manways, pumps, internal ladders stairs, catwalks, platforms, and handrails with curbed concrete containment basins below.

The joint tank truck off-loading/refueler truck fill stand will be complete with canopy, loading platform and stairs, piping to/from bulk tanks, metering, valves and pipe supports, pumps, filters, concrete containment and related appurtenances.

The (POL) operations building will consist of one workspace, storage and mechanical room with fire alarm detection system, grounding and communications, lightning protection, .

Special costs include a temporary fuel storage system to allow for existing tank demolition. Project will provide required spill containment and storm water management systems. Supporting facilities include demolition of the existing bulk storage tank, four above ground fuel tanks, one truck offload facility, one truck fill stand, two pump houses, the existing POL operations building, foundations, aboveground piping, supports & appurtenances,

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
McALESTER ARMY AMMUNITION PLANT, OKLAHOMA	BULK DIESEL SYSTEM REPLACEMENT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	44130	DESC18S2	7,000

underground issue piping, gravel surfacing, site clearing & grading.

Electrical and communications work include underground primary and secondary service, communications, pad mounted transformers, emergency generator, site lighting, automatic tank gauging system, lightning protection, offload and fill stand grounding & lighting protection, emergency power down switches, and pump connections.

Site improvements include all paving, roadways, walks, containment basin, emergency eyewash & shower, fencing, automated gates, bollards, soil preparation and seeding.

Civil storm water and utilities include water piping and connections, fire hydrants, storm drainage system.

Environmental mitigation includes soil excavation and removal/remediation.

Anti-Terrorism Force Protection (ATFP), cyber-security and sustainable design principles will be incorporated into the design and construction.

11. REQUIREMENT: 3,571 Barrels (BL) **ADEQUATE:** 0 SF **SUBSTANDARD:** 13,929 BL

PROJECT: Replace Bulk Diesel Storage and Loading Facility (C).

REQUIREMENT: MCAAP requires bulk diesel capability to complete their mission and everyday manufacturing activities. On average, MCAAP issues 40,000 gallons of diesel fuel a month. New diesel bulk tanks will allow MCAAP to meet their mission in the event of an emergency and will result in a 79% decrease from the current storage infrastructure.

The new system will also meet all current State and Federal environmental regulations and allow MCAAP to be in environmental compliance for the first time since 2006.

CURRENT SITUATION: The existing bulk diesel system, built in 1972, utilizes a single 585,000-gallon bulk diesel tank. The tank is oversized and exceeds the needs of the installation. As a result, condensation accumulates in the tank and diminishes fuel quality. According to a recent inspection the diesel system is in a state of disrepair and is in need of repairs that will cost in excess of $900,000.

In addition, MCAAP self-reported a compliance deficiency to the Environmental Protection Agency for the tank containment system. Damage to the existing clay-lined berm prevents proper containment and no longer provides protection as required.

The unloading rack and associated piping lacks secondary containment and does not comply with current state and federal environmental regulations. In addition, there are no thermal reliefs in the system to relieve pressure as fuel expands due to temperature.

IMPACT IF NOT PROVIDED: Condensation in the storage tank will continue to affect fuel quality. The risk of system failure will continue to rise with use of the fuel system in its present condition. Thermal expansion, if not relieved could increase pressure to the point of system failure. The lack of containment within the berm will result in a direct release to the environment with any tank discharge. The proximity of MCAAP to the local community's

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
McALESTER ARMY AMMUNITION PLANT, OKLAHOMA	BULK DIESEL SYSTEM REPLACEMENT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	44130	DESC18S2	7,000

potable water supply will exacerbate any environmental release, making DLA and the Army susceptible to costly remediation. MCAAP will be at increasing risk to enforcement actions by the EPA. The EPA can move the self-reported containment deficiency to a Notice of Violation (NOV). Additionally, the loss of this system would negatively affect MCAAP's day-to-day operations.

This project will meet all applicable DoD criteria to include cyber-security. The site is outside of the 100-year floodplain.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Acquisition Strategy:	Design Bid Build
2. Design Data	
(a) Design or Request for Proposal (RFP) Started:	MAR/2017
(b) Percent of Design Completed as of Jan 2018 (BY-1):	35%
(c) Design or RFP Complete:	DEC/2018
(d) Total Design Cost ($000):	780
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Standard or definitive design used?	No
3. Construction Data:	
(a) Contract Award:	MAR/2019
(b) Construction Start:	APR/2019
(c) Construction Complete:	MAY/2021

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
CONTAMINATED SOIL REMOVAL & REMEDIATION	DWCF	2019	496
AUTOMATIC TANK GAUGING	DWCF	2020	43
FURNITURE, FIXTURES & EQUIPMENT	DWCF	2020	65
SECURITY/ACCESS CONTROL SYSTEM	DWCF	2020	100
RACK SYSTEM & MHE	DWCF	2020	1,500
INFO SYS	DWCF	2020	5

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation And Location	4. Command	5. Area Construction Cost Index
DLA DISTRIBUTION, RED RIVER ARMY DEPOT, TEXAS	DEFENSE LOGISTICS AGENCY	0.82

6. PERSONNEL tenant of U.S. Army	(1)PERMANENT			(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF										
b. END FY										

7. INVENTORY DATA *($000)*	
A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF 30 SEP 2015	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	71,500
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	71,500

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1)Code	(2) PROJECT TITLE	(3) SCOPE	*($000)*	(1)START	(2)COMPLETE
441	GENERAL PURPOSE WAREHOUSE	448,820 SF	71,500	12/16	08/18

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
		NONE	

b. PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
		NONE	

10. MISSION OR MAJOR FUNCTION

Defense Distribution Depot Red River Texas (DDRT) occupies 800 acres with a primary mission to receive, store, physically inventory, package, pack and perform shipment of assigned items. DDRT is located adjacent to the Red River Army Depot (RRAD). RRAD has the only Department of Defense capability for the remanufacture of road wheel and tracked vehicle systems to include Tactical Wheeled Vehicles, the Bradley Fighting Vehicle, and Multiple Launch Rocket System. RRAD supports deployments to Southwest Asia to maintain vehicle and system support.

Deferred sustainment, restoration, and modernization for distribution facilities at this location is $89.9 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: *($000)*		
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
DLA DISTRIBUTION, RED RIVER ARMY DEPOT, TEXAS	GENERAL PURPOSE WAREHOUSE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	441110	DDRT1901	71,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES.....	-	-	-	50,716
GENERAL PURPOSE WAREHOUSE (CC 44110)	SF	448,820	113	(50,716)
SUPPORTING FACILITIES.....	-	-	-	13,641
DEMOLITION AND SITE PREPARATION	LS	-	-	(8,588)
SITE IMPROVEMENTS	LS	-	-	(2,579)
CIVIL AND MECHANICAL UTILITIES.....	LS	-	-	(1,469)
ELECTRICAL, COMMUNICATION AND UTILITIES	LS	-	-	(1,005)
SUBTOTAL.....	-	-	-	64,357
CONTINGENCY (5%).....	-	-	-	3,218
ESTIMATED CONTRACT COST.....	-	-	-	67,575
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)..	-	-	-	3,852
TOTAL	-	-	-	71,427
TOTAL (ROUNDED)	-	-	-	71,500
REQUIREMENTS FROM OTHER APPROPRIATIONS (NON-ADD)..	-	-	-	(5,767)

10. Description of Proposed Construction:

Construct a General Purpose Warehouse (GPW) with concrete floors and 26-foot clear stacking height, weather-sealed truck doors, and loading/unloading docks with dock levelers. The facility will include space for forklift battery charging, administrative offices, restrooms, locker rooms, employee lunch/break room, and mechanical, electrical and telecom utility areas to support all utility functions. Provide access per Americans with Disability Act. Also included will be special reinforced foundation features, lightning protection, anti-terrorism features, provisions for CCTV, access control and intrusion detection, fire protection system and mass notification and alarms.

Demolition and site preparation includes clearing and grubbing, removal of pavements, storm culverts, fencing and other utilities to ready the site for construction. Site improvements include access roads, paving, concrete walks, curbing, signage, landscaping and fencing. Civil and Mechanical utilities include water and sanitary lines and connections, sanitary pump station, natural gas connections and service, provisions for storm water system including low-impact development bioswales and retention pond. Electrical and communications work includes primary and secondary power, exterior communications and alarm systems, site lighting, and related work.

Anti-terrorism force protection (AT/FP), cyber-security, and sustainable design principles will be incorporated into the design and construction.

11. REQUIREMENT: 3,670,353 SQUARE FEET (SF) **ADEQUATE:** 898,908 SF **SUBSTANDARD:** 985,357 SF

PROJECT: Construct a general purpose warehouse facility. (C)

REQUIREMENT: The Defense Logistics Agency (DLA) Distribution Red River, Texas (DDRT) plays a

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA		2. Date
DEFENSE (DLA)			FEBRUARY 2018
3. Installation and Location		4. Project Title	
DLA DISTRIBUTION, RED RIVER ARMY DEPOT, TEXAS		GENERAL PURPOSE WAREHOUSE	
5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	441110	DDRT1901	71,500

critical role in supplying Army units with repair parts and assemblies needed to rebuild, retrofit, and maintain their tactical vehicle fleet. There is an immediate and long-term requirement for additional warehousing space to store large and bulk-quantity vehicle parts that are new or in various stages of refurbishment.

CURRENT SITUATION: The Red River Army Depot's rebuild operation currently has a 30,000 vehicle backlog awaiting refurbishment with another 30,000 scheduled for rebuild as part of a program supporting deployed forces, unit resets, Foreign Military Sales, normal equipment rebuild/upgrade cycles, and disposal.

The demand for protected storage of new repair parts and components, and the storage of components in various stages of refurbishment exceeds the current available warehousing capacity. DDRT has a total shortfall of 1,612,220 SF of general warehouse storage for bulk materiel. Because of this shortfall, materiel is currently stored in unprotected outdoor storage areas. This includes critical tactical vehicle parts such as vehicle armor, engines, and drive-train assemblies. In many cases, the packaging of stored items has badly deteriorated due to exposure to the weather. New and potentially useable parts are continuously being disposed of as unserviceable because of the outside storage conditions. The deterioration of track and track shoes in particular has caused recent involvement from both the U.S. Army Tank and Automotive Command (TACOM) and Logistics Support Activity (LOGSA). Reclassification of 161,522 items to condition code F (unserviceable and requiring repair) has occurred because of the storage conditions.

IMPACT IF NOT PROVIDED: DDRT will continue to have a massive shortfall of storage and operational space that is needed for bulk storage of tactical vehicle parts. Large quantities of materiel that should be in covered storage will continue to be stored in unprotected outdoor areas. Continued outside storage of these items will incur additional costs in repackaging and preservation, packaging, packing, and marking (PPP&M). DLA will also incur costs to refurbish items deemed unserviceable due to weather.

In addition, the issuance of degraded items such as wheel assemblies to the Army adds to the safety risk. The lack of appropriate storage hinders DLA's ability to maintain major end items required for our Armed Services.

ADDITIONAL: This project has been coordinated with the Red River Directorate of Public Works for integration of utilities and the installation's long-range master plan. Coordination of installation physical security plans and all required physical security measures are included. All required antiterrorism (AT) measures are included. The project design, development, and construction will integrate sustainable principles, to include Life Cycle cost effective practices, in accordance with Executive Orders, and other applicable laws. This project will meet all applicable DoD criteria to include cyber-security. This project is outside the 100-year floodplain.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Acquisition Strategy:	Design Bid Build

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
DLA DISTRIBUTION, RED RIVER ARMY DEPOT, TEXAS	GENERAL PURPOSE WAREHOUSE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	441110	DDRT1901	71,500

2. Design Data	
(a) Design or Request for Proposal (RFP) Started:	DEC/2016
(b) Percent of Design Completed as of Jan 2018 (BY-1):	35%
(c) Design or RFP Complete:	AUG/2018
(d) Total Design Cost ($000):	1,035
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Standard or definitive design used?	Yes
3. Construction Data:	
(a) Contract Award:	DEC/2018
(b) Construction Start:	JAN/2019
(c) Construction Complete:	DEC/2021

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
ACCESS CONTROL/INTRUSION DETECTION	DWCF	2020	100
RACK SYSTEM & MATERIAL HANDLING EQUIPMENT	DWCF	2020	5,267
FIXTURES, FURNITURE & EQUIPMENT	DWCF	2020	100
INFORMATION SYSTEMS	DWCF	2020	300

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation And Location	4. Command	5. Area Construction Cost Index
JOINT BASE SAN ANTONIO, TEXAS	DEFENSE LOGISTICS AGENCY	0.91

6. PERSONNEL tenant of U.S. Air Force	(1)PERMANENT			(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF										
b. END FY										

7. INVENTORY DATA *($000)*	
A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF 30 SEP 2015	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	10,200
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	10,200

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1)Code	(2) PROJECT TITLE	(3) SCOPE	*($000)*	(1)START	(2)COMPLETE
610	ENERGY AEROSPACE OPERATIONS FACILITY	22,135 SF	10,200	05/17	10/18

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
		NONE	

b. PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
		NONE	

10. MISSION OR MAJOR FUNCTION

DLA Energy Aerospace Energy manages the worldwide acquisition of missile fuels, liquid propellants for space launch and satellites, aviator’s breathing oxygen and other bulk industrial chemicals and gases. Aerospace Energy provides centralized, cradle-to-grave contracting and logistics support to customers worldwide. Aerospace Energy provides product distribution, transportation, and inventory management of assigned products. It drafts sales contracts with commercial space and launch companies and other commercial companies.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $0.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: *($000)*

A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
JOINT BASE SAN ANTONIO, TEXAS	ENERGY AEROSPACE OPERATIONS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	610811	DESC19I1	10,200

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	7,504
OPERATIONS CENTER (CC 610811)	SF	22,135	332	(7,349)
SPECIAL COSTS	LS	-	-	(155)
SUPPORTING FACILITIES.....	-	-	-	1,623
SITE IMPROVEMENTS.....	LS	-	-	(537)
ELECTRICAL AND COMMUNICATIONS.....	LS	-	-	(452)
DEMOLITION AND SITE PREPARATION.....	LS	-	-	(266)
STORM DRAINAGE.....	LS	-	-	(193)
UTILITIES.....	LS	-	-	(174)
SUBTOTAL.....	-	-	-	9,127
CONTINGENCY (5%).....	-	-	-	456
ESTIMATED CONTRACT COST.....	-	-	-	9,584
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)..	-	-	-	546
TOTAL	-	-	-	10,130
TOTAL (ROUNDED)	-	-	-	10,200
REQUIREMENTS FROM OTHER APPROPRIATIONS (NON-ADD)..	-	-	=	(2,075)

10. Description of Proposed Construction:

Provide an operations facility of Type II construction, concrete/steel framing, exterior masonry, standing seam metal roofing and special foundations. Functional areas include training and conference areas, IT, communications, mechanical and electrical rooms, admin areas, break room and related spaces. The building shall provide a secure area for SIPRnet communication, an intrusion detection system, fire protection sprinkler system, infrastructure for CCTV and access control system; electrical transformers, telecommunications, mass notification system combined with fire detection, notification and reporting system, building automation system compatible with Base standards and direct communication with base-wide EMCS network.

Site improvements include all paving and walks, POV parking for approximately 63 vehicles, access drives, landscaping, fencing, dumpster pad and enclosure. Electrical and communications include primary and secondary power and connections, pad mounted transformers, outdoor communications work, site lighting and lightning protection.

Demolition and site preparation include clearing & grubbing, removal of existing foundations, removal of pavements.

Storm drainage includes storm water piping, culverts and the use of low-impact development features, storm water management, and related items. Utilities include all water, sanitary, fire lines, and natural gas, connections and service.

Comprehensive building and furnishings related interior design services are required. Anti-

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
JOINT BASE SAN ANTONIO, TEXAS	ENERGY AEROSPACE OPERATIONS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	610811	DESC19I1	10,200

terrorism force protection (AT/FP), cyber-security, and sustainable design principles will be incorporated into the design and construction.

11. REQUIREMENT: 22,135 square feet (SF) **ADEQUATE:** 0 SF **SUBSTANDARD:** 0 SF

PROJECT: Construct a DLA Energy Aerospace and J8 Operations and Management Center. (C)

REQUIREMENT: A new facility is required to relocate DLA Energy Aerospace and J8 Operations out of substandard, leased space in San Antonio. Provide a functional facility with administrative, storage and additional functional areas for 104 employees along with adequate parking to meet the operational requirements of the DLA Energy Aerospace and J8 Operations and Management mission.

CURRENT SITUATION: The current facility is located on the old Kelly AFB, which was slated for closure under BRAC 1995. Since BRAC closure, the property was turned over to the Port Authority of San Antonio who now leases the building to DLA. The existing 40,000 plus SF facility is dilapidated and has significant quality of life and health related concerns including mold. The facility is outside of the enclosure of a secure military installation. The facility requires significant renovation that would exceed 50% of the PRV to bring it into compliance.

IMPACT IF NOT PROVIDED: The current facility does not meet current codes and standards and lacks required security features. There are no other facilities on Joint Base San Antonio available for use that are not cost prohibitive. Other leased space options are cost prohibitive and fail to meet AT/FP guidance. Without this project, DLA Energy Aerospace management functions will continue to operate in a dilapidated facility, affecting the health and safety of its employees.

ADDITIONAL: The scope of the project is based on Defense Logistics Agency requirements. All known alternative options were considered during the development of this project. An economic analysis of reasonable options for status quo, renovation, lease, and new construction was completed, and validated that new construction was the most economical option that will meet operational requirements. The project design, development, and construction will integrate sustainable principles, to include Life Cycle cost effective practices, in accordance with Executive Orders, and other applicable laws. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. This project will meet all applicable DoD criteria to include cyber-security.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on DLA requirements.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Acquisition Strategy:	Design Bid Build
2. Design Data (a) Design or Request for Proposal (RFP) Started: (b) Percent of Design Completed as of Jan 2018 (BY-1):	 MAY/2017 35%

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
JOINT BASE SAN ANTONIO, TEXAS	ENERGY AEROSPACE OPERATIONS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	610811	DESC19I1	10,200

(c) Design or RFP Complete:	OCT/2018
(d) Total Design Cost ($000):	1,035
(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:	MAR/2019
(c) Construction Complete:	MAR/2021

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
FURNITURE, FIXTURES & EQUIPMENT	DWCF	2020	1,961
SECURITY SYSTEMS	DWCF	2020	114

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation And Location	4. Command	5. Area Construction Cost Index
JOINT BASE LANGLEY-EUSTIS, VIRGINIA	DEFENSE LOGISTICS AGENCY	0.91

6. PERSONNEL tenant of U.S. Air Force	(1)PERMANENT			(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF										
b. END FY										

7. INVENTORY DATA *($000)*	
A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF 30 SEP 2015	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	12,700
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE PROGRAM YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	12,700

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1)Code	(2) PROJECT TITLE	(3) SCOPE	*($000)*	(1)START	(2)COMPLETE
124	FUEL FACILITIES REPLACEMENT	40,000 GA	6,900	03/17	11/18
123	GROUND VEHICLE FUELING FACILITY REPLACEMENT	12 OL	5,800	03/17	11/18

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
		NONE	

b. PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
		NONE	

10. MISSION OR MAJOR FUNCTION

The 633rd Air Base Wing is comprised of three groups that provide installation support to personnel including Headquarters Air Combat Command and three operational wings. Air Combat Command is the primary force provider of combat airpower to America's warfighting commands. ACC numbered air forces provide the air component to U.S. Central, Southern and Northern Commands, with Headquarters ACC serving as the air component to Joint Forces Command. ACC also augments forces to U.S. European, Pacific, and Strategic Command.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $0.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: *($000)*

A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
JOINT BASE LANGLEY EUSTIS, VIRGINIA	FUEL FACILITIES REPLACEMENT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	124135	DESC1909	6,900

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	2,097
FUEL STORAGE (CC 124135)	GA	40,000	22	(880)
OFFLOAD SKID (CC 126926)	OL	1	590,480	(590)
FILLSTAND (CC 126925)	OL	2	272,250	(545)
STORAGE BUILDING (CC 141454)	SF	400	206	(82)
SUPPORTING FACILITIES	-	-	-	4,122
SITE CIVIL & MECHANICAL	LS	-	-	(1,580)
SITE IMPROVEMENTS	LS	-	-	(1,411)
SITE ELECTRICAL	LS	-	-	(611)
DEMOLITION & SITE PREPARATION	LS	-	-	(520)
SUBTOTAL	-	-	-	6,219
CONTINGENCY (5%)	-	-	-	311
ESTIMATED CONTRACT COST	-	-	-	6,530
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)	-	-	-	372
TOTAL	-	-	-	6,902
TOTAL (ROUNDED)	-	-	-	6,900
REQUIREMENTS FROM OTHER APPROPRIATIONS (NON-ADD)	-	-	-	(92)

10. Description of Proposed Construction:

The new Fuel Facility will include two 20,000 gallon aboveground storage tanks with tank pad, electrical, access platforms and stairs; one packaged truck off-loading station with electrical, piping and canopy; two 300-gpm truck fill stands with electrical, piping and canopy; and a pre-engineered metal storage building.

Site improvements include paved roads, truck parking for five vehicles, POV parking for two vehicles at the storage building, two secondary spill containment areas, equipment pad and canopy, collection tank, emergency shower/eyewash system, seeding, fencing and gates.

Site electrical work includes power distribution, emergency fuel shutoff system, generator, site lighting, motor controllers and electrical racks, grounding and cathodic protection.

Civil and mechanical utilities include mechanical piping, valves, filter separators, and associated equipment; excavation and fill for piping, piping supports, water piping, grading and storm drainage.

Demolition and site preparation includes removal of the existing POL facilities which consists of two 30,000 gallon aboveground storage tanks (AST), a 250-gallon AST, truck parking area, two truck fill stands, a 300-gpm truck off-loading station, concrete containment areas, paving, fuel piping, supports and related valves and equipment, fencing, electrical panels and feeds, poles, and a storage building (facility 2451, approximately 348 SF). Site preparation includes clearing, erosion and sediment control.

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
JOINT BASE LANGLEY EUSTIS, VIRGINIA	FUEL FACILITIES REPLACEMENT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	124135	DESC1909	6,900

Anti-Terrorism Force Protection (ATFP), cyber-security and sustainable design principles will be incorporated into the design and construction.

11. REQUIREMENT: 40,000 GALLONS (GA) **ADEQUATE:** 0 GA **SUBSTANDARD:** 60,000 GA

PROJECT: This project will replace the failing POL facilities and supporting infrastructure at Felker Army Air Field at Joint Base Langley Eustis (JBLE) with a modern, complete, and usable airfield fuel point. (C)

REQUIREMENT: This project is required to provide a functional, efficient, cost effective, and safe means of fueling refueler trucks for DoD/Army aircraft assigned to JBLE. The new facilities will replace existing facilities that are environmentally non-compliant and pose a health, safety, and environmental risk to the installation and users.

CURRENT SITUATION: The Fuel Systems Infrastructure Program Review dated 6-10 May 2013, Fuel Systems Engineering Condition Assessment, rated the fuel point as “unsatisfactory”.

Corrosion is occurring along a welded seam near the tank saddle at one tank. Both tanks use a common pipeline for receipt and issue, which violates DoD standards for receipt facilities. The receipt fuel system also lacks filtration.

The fuel system does not comply with National Fire Protection Association and Unified Facility Criteria grounding/bonding requirements. The explosion-proof boxes and electrical system are located on inadequate, wooden supports.

The integrity of the underground piping is not guaranteed. The existing system shows signs of corrosion due to use of dissimilar metals and isolation gaskets do not conform to current standards. Fuel piping supports do not meet DoD standards. The existing high point vents and low point drains are not approved for fuel system use and are not API or fire rated.

Truck receiving and fill stand area is inadequate for emergency egress of fuel tank trucks and/or response vehicles. Truck refuelers cannot enter into the load/offload without reversing into position.

Existing spill containment is grossly inadequate, and no canopy exists to protect the equipment. Containment and fill stand pavement is cracked and expansion joint sealant has failed. Spill containment areas do not drain into an approved collection source or oil water separator.

IMPACT IF NOT PROVIDED: The current fueling system will continue to deteriorate, causing leaks and resulting in the release of fuels to the environment. The lack of receipt filtration could result in the delivery and storage of off-specification fuel. Continued exposure of pumps motors and equipment to the weather will lead to accelerated corrosion and premature component failure. The system will continue to violate NFPA and UFC criteria. In addition, recent inspections have called for removal of all non-compliant fuel systems without explosion proof fittings. The fuel point could be shut down if these issues are not corrected which will affect the fuels mission at JBLE.

ADDITIONAL: This project has been coordinated with the installation physical security plan,

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
JOINT BASE LANGLEY EUSTIS, VIRGINIA	FUEL FACILITIES REPLACEMENT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	124135	DESC1909	6,900

and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. This project will meet all applicable DoD criteria to include cyber-security. Mission requirements, operational considerations, and location are incompatible with use by other components. This project appears to lie within the 100-year flood plain. Flood mitigation measures will be incorporated into the design.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Acquisition Strategy:	Design Bid Build
2. Design Data	
(a) Design or Request for Proposal (RFP) Started:	MAR/2017
(b) Percent of Design Completed as of Jan 2018 (BY-1):	35%
(c) Design or RFP Complete:	NOV/2018
(d) Total Design Cost ($000):	690
(e) Energy Study and/or Life Cycle Analysis performed:	No
(f) Standard or definitive design used?	Yes
3. Construction Data:	
(a) Contract Award:	JAN/2019
(b) Construction Start:	MAR/2019
(c) Construction Complete:	JUN/2021

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
CONTAMINATED SOIL & WATER CLEANUP/DISPOSAL	DWCF	2019	0.5
AUTOMATED TANK GAUGING	DWCF	2021	45
JET FUEL FOR COMMISSIONING	DWCF	2021	46

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
JOINT BASE LANGLEY EUSTIS, VIRGINIA	GROUND VEHICLE FUELING FACILITY REPLACEMENT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	123335	DESC1914	5,800

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES		-	-	3,485
VEHICLE FUEL STATION(CC 123335)	OL	12	104,310	(1,252)
OFF-LOADING STATION (CC 126926)	OL	3	330,213	(991)
FUEL STORAGE: JET-A (CC 124135)	GA	12,000	36	(432)
FUEL STORAGE: DIESEL (CC 124134)	GA	12,000	36	(432)
FUEL STORAGE: MOGAS (CC 123335)	GA	6,000	51	(306)
CONTROL BUILDING (CC 121111)	SF	400	180	(72)
SUPPORTING FACILITIES	-	-	-	1,699
SITE IMPROVMENTS	LS	-	-	(539)
SITE CIVIL/MECHANICAL UTILITIES	LS	-	-	(520)
DEMOLITION & SITE PREPARATION	LS	-	-	(381)
SITE ELECTRICAL UTILITIES	LS	-	-	(259)
SUBTOTAL	-	-	-	5,184
CONTINGENCY (5%)	-	-	-	259
ESTIMATED CONTRACT COST	-	-	-	5,443
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)	-	-	-	310
TOTAL	-	-	-	5,753
TOTAL (ROUNDED)	-	-	-	5,800
REQUIREMENTS FROM OTHER APPROPRIATIONS (NON-ADD)	-	-	-	(160)

10. Description of Proposed Construction:

The new Ground Vehicle Fueling Facility (GVFF) includes a new vehicle fueling station consisting of two concrete islands with six fuel dispensers (12 outlets), concrete pavement with trench drains, and overhead canopy; three 300-gpm truck off-load stations with concrete pavement, trench drain and canopy, pumps, valves and related appurtenances. Above-ground fuel storage tanks, consisting of two 12,000-gallon tanks for Jet A and diesel fuel and one 6,000-gallon tank for MOGAS, with concrete saddles and access stairs with platforms; and a control building for two occupants, fire and fuel alarm systems, and all equipment necessary for the GVFF including all service connections.

Site improvements include all paving, spill containment, walks, fencing and gates, signage, tank concrete pad, enclosed emergency shower and eyewash, bollards, grading and seeding.

Site civil and mechanical utilities include storm drainage, water and fire hydrants, above ground and underground piping, high and low point vents and drains, pipe supports, pipe coatings, eyewash water heater and storage tank and associated work.

Demolition and site preparation includes demolition of three underground storage tanks (one 15,000-gallon and two 6,000-gallon), piping, fuel management units, pumps and related items, demolition of the existing building 2734 (193 SF) and foundation, concrete islands, shed and generator, paving, fencing; site preparation includes erosion and sediment control features.

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
JOINT BASE LANGLEY EUSTIS, VIRGINIA	GROUND VEHICLE FUELING FACILITY REPLACEMENT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	123335	DESC1914	5,800

Site electrical work includes generator and pad, power distribution, transfer switch, emergency fuel shut-off, site lighting, automatic tank gauging system, communications and related work.

Anti-Terrorism Force Protection (ATFP), cyber-security and sustainable design principles will be incorporated into the design and construction.

11. REQUIREMENT: 12 OUTLET (OL) ADEQUATE: 0 BL SUBSTANDARD: 16 OL

PROJECT: Replace ground vehicle fueling station. (C)

REQUIREMENT: Provide a new ground vehicle fueling facility that is safe, reliable and eliminates environmental vulnerability associated with the existing, degraded, and failing facility.

CURRENT SITUATION: The existing fueling facility is rated as unsatisfactory per the 2013 fuel system engineering condition assessment (ECA).

The current system lacks a permanent emergency eyewash/shower station within 10 seconds or 100 feet as required by air force instructions. The drop tanks lack secondary containment and cracked pavement provides a direct pathway for fuel spills to reach the soils.

The fuel system uses a mixture of galvanized metal connected directly to carbon steel and the dissimilar metals accelerate corrosion. The current system is showing signs of heavy corrosion in all piping, pumps, and valve systems. The wiring, venting, and spill detection are all in deteriorated condition. The dispensers are all in need of replacement. The overall system does not conform to the current gas station construction codes. Water is seeping into the pump and tank areas leading to further corrosion of the pipes and valves. Sand filled interstitials prevent the tanks from being checked for leaks.

IMPACT IF NOT PROVIDED: The fueling system will continue to deteriorate, potentially causing leaks and eventual soil contamination. This will place greater risk on DLA and the Army and result in added costs to clean up spills.

ADDITIONAL: This project was coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis was prepared and used in developing this project. This project is the most cost-effective method to satisfy the requirement. This project will meet all applicable DoD criteria to include cyber-security. Mission requirements, operational considerations, and location are incompatible with use by other components. This project is outside the 100-year floodplain.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Acquisition Strategy:	Design Bid Build
2. Design Data (a) Design or Request for Proposal (RFP) Started: (b) Percent of Design Completed as of Jan 2018 (BY-1):	 MAR/2017 35%

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
JOINT BASE LANGLEY EUSTIS, VIRGINIA	GROUND VEHICLE FUELING FACILITY REPLACEMENT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	123335	DESC1914	5,800

(c) Design or RFP Complete:	NOV/2018
(d) Total Design Cost ($000):	580
(e) Energy Study and/or Life Cycle Analysis performed:	No
(f) Standard or definitive design used?	Yes
3. Construction Data:	
(a) Contract Award:	JAN/2019
(b) Construction Start:	MAR/2019
(c) Construction Complete:	JUN/2021

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
AUTOMATIC TANK GAUGING	DWCF	2020	70
CONTAMINATED SOIL & GROUNDWATER CLEANUP/REMOVAL	DWCF	2020	4
FUEL FOR COMMISSIONING	DWCF	2021	90

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation And Location	4. Command	5. Area Construction Cost Index
JOINT BASE LEWIS-McCHORD, WASHINGTON	DEFENSE LOGISTICS AGENCY	1.12

6. PERSONNEL tenant of U.S. Army	(1)PERMANENT			(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF										
b. END FY										

7. INVENTORY DATA *($000)*	
A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF 30 SEP 2015	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	26,200
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE PROGRAM YEARS	14,700
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	40,900

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1)Code	(2) PROJECT TITLE	(3) SCOPE	*($000)*	(1)START	(2)COMPLETE
121	REFUELING FACILITIES	1,200 GM	26,200	03/17	07/18

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
		NONE	

b. PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
123	DESC2104	REPLACE FUEL FACILITIES (LEWIS MAIN & NORTH)	14,700

10. MISSION OR MAJOR FUNCTION

Joint Base Lewis-McChord (JBLM) is the Defense Department's premiere military installation on the West Coast. JBLM provides world-class installation support to more than 40,000 active, Guard and Reserve Service members, and about 15,000 civilian workers. The primary mission of JBLM is to operate a state-of-the-art projection platform for war fighters by providing them with superior training support and infrastructure, to train, and maintain fully capable mobilization and deployment operations for the Army, Navy, Air Force, and Marines.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $0.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: *($000)*

A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
JOINT BASE LEWIS McCHORD, WASHINGTON	REFUELING FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	12110	DESC1905	26,200

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	11,654
AIRCRAFT DIRECT FUEL SYSTEM (CC 12110)	GM	1,200	4,271	(5,125)
FUEL STORAGE (CC12413)	GA	200,000	12	(2,400)
TRUCK LOAD/UNLOAD (CC12630)	OL	4	565,992	(2,264)
POL BUILDING (CC 14165)	SF	2,000	525	(1,050)
RETAIL FUELING (CC 12322)	OL	2	262,584	(525)
DIESEL TANK (CC12481)	GA	5,000	47	(235)
FILTER SEPARATOR CANOPY (CC 14179)	SF	395	138	(55)
SUPPORTING FACILITIES	-	-	-	11,930
SITE IMPROVEMENTS	LS	-	-	(4,665)
MECHANICAL UTILITIES	LS	-	-	(3,027)
DEMOLITION & SITE PREPARATION	LS	-	-	(2,186)
SITE ELECTRICAL	LS	-	-	(2,052)
SUBTOTAL	-	-	-	23,584
CONTINGENCY (5%)	-	-	-	1,179
ESTIMATED CONTRACT COST	-	-	-	24,763
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)	-	-	-	1,411
TOTAL	-	-	-	26,174
TOTAL (ROUNDED)	-	-	-	26,200
REQUIREMENTS FROM OTHER APPROPRIATIONS (NON-ADD)				1,073

10. Description of Proposed Construction:

Construct a refueling complex that includes an aircraft direct fueling (hot refuel) facility with POL operations, and a land vehicle fuel service point located nearby. The new helicopter hot refuel facility will have three hot refueling pads with six hose-type pantographs, fuel pits and includes supply and return piping.

The land vehicle fuel service area includes two each refueler truck load and unload areas with all mechanical equipment, pumps, grounding, spill containment, canopy, piping, and supports that lead to the fuel storage tanks. The fuel storage tanks are above ground and include all pumping and equipment, automatic tank gauging, independent alarm system, catwalks, platforms, railing, stairs, tank foundations and supports.

The POL operations building includes administrative and other functional areas, mechanical/electrical/telecom/computer rooms, shower facilities, and a fuels testing lab with emergency shower/eyewash, ventilation hoods and other safety features, fire protection and alarms, lighting protection, provisions for CCTV, pump control panels, lighting, information

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
JOINT BASE LEWIS McCHORD, WASHINGTON	REFUELING FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	12110	DESC1905	26,200

systems, HVAC system and controls, plumbing, and related work.

The retail fueling area includes a duel hose dispenser, retail offload point, and piping to the above ground diesel storage tank. The storage tank includes internal ladder, access platform, catwalk, and automated tank gauging, and related appurtenances.

The fuel filter shelter will provide issue filtration, controls to maintain system pressurization, and connections for a temporary pigging system. The shelter will contain horizontal receipt filter separators and include a canopy.

Site improvements include paving & concrete pavement, curbs, gutters, walks, access drives, refueler truck parking for 5 vehicles, POV parking for approximately 10 vehicles, fencing, gates, pavement markings, gravel areas, seeding, sanitary sewer pump station, water utilities, storm piping, trench drains and low impact development features and related items. Mechanical utilities include product recovery tank and piping, filter separators and shelter area equipment, grounding, valves, pipe supports, signage and related items.

Demolition and site preparation includes demolition of existing pavements, hot point pads, removal of unsuitable soils, demolition of existing utilities, demolition of building 3477 (730 SF), lift station and the existing ground vehicle fueling facility, fuel piping, demolition of the existing concrete filled pits and related taxiway pavements, and items and clearing and grading activities.

Electrical work includes cathodic protection, building and site lighting, primary and secondary service & connections, transformers, automatic tank gauging systems, lighting protection, grounding, communications, emergency power down switches, control stations, provisions for CCTV.

Anti-Terrorism Force Protection (ATFP), cyber-security and sustainable design principles will be incorporated into the design and construction.

11. REQUIREMENT: 1200 Gallons per Minute (GM) **ADEQUATE:** 0 GM **SUBSTANDARD:** 1200 GM

PROJECT: Construct a refueling facility complex. (C)

REQUIREMENT: This project is required to provide a functional, efficient, cost effective, and safe means of fueling DoD/Army equipment, including rotary and fixed wing aircraft assigned to JBLM. This refueling facility will support infield fuel tankers, hot refueling and training requirements for units stationed at JBLM. The new facilities will replace existing facilities that are undersized, non-compliant and pose a health, safety, and environmental risk to the installation and users. JBLM is a training and mobilization center for all services and is the Army power-projection base west of the Rocky Mountains. The Corps and Special Operations units on base require mobile efficient refueling operations. US NORTHCOM expects JBLM to deliver strategic support from a "Defense Support of Civil Authorities" perspective.

CURRENT SITUATION: Recommendations from the USACE Petroleum Oils & Lubricant – Mandatory Center of Excellence (MCX) to pursue a MILCON funded project is based on a long list of

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
JOINT BASE LEWIS McCHORD, WASHINGTON	REFUELING FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	12110	DESC1905	26,200

compliance, mission support, and safety concerns. JBLM's current fueling mission was capitalized and contracted out to DLA Energy in the 1990s. A 2001 earthquake caused extensive damage to the hot fuel system. The fiberglass fuel pipelines and storage tanks were not repairable and a majority of fuel lines, equipment, and tanks were removed and hot pits filled with concrete. Due to the loss of hot refueling capability, a temporary tactical forward arming and refueling point (FARP) was established to serve aircraft at peak hours. Hundreds of feet of flexible fuel hose lie on bare ground and across taxiways to each of the fueling points.

The existing bulk tanks are not near the airfield. The round-trip time for mobile refueling units to travel between the bulk fuel area and the airfield is significant.

IMPACT IF NOT PROVIDED: All Army aircraft at JBLM will continue to be fueled from contractor and unit fuel trucks. This costs the Army logistically and continues existing security, environmental and safety risks. Without hot refuel capability, helicopters must be shut down and the engines cooled before fueling can begin. The ability to refuel ‘hot’, will allow helicopters to complete refueling much faster, increasing unit training throughput. Without this project, JBLM crews will lack critical hot refueling training needed for homeland defense, wartime, and peacekeeping missions. Since hot refueling is inherently hazardous, requiring a great deal of situational awareness, attention to detail and speed, this lack of training forces our service members to learn this dangerous skill while in a hot zone. Use of the FARP is inefficient and unsafe. Aircraft wheels cannot cross the fuel lines so helicopters must hover over the lines around the taxiways to avoid the fuel hoses. The hoses also pose an unnecessary risk of environmental contamination.

Bulk and aircraft refueling will still require long lead times due to the time it takes to load fuel from the inadequately sized bulk storage area located away from the airfield and return to the airfield to fuel aircraft. Vehicles leaving the infield to refuel are an unnecessary safety and security threat that is avoidable with this project. The need for fuel trucks to cross the base contributes to JBLM's traffic problems, increases wear-and-tear on roads, as well as the likelihood of HAZMAT spills and accidents. Since current facility deficiencies cannot be addressed via repair, service members will continue to operate in inadequate facilities that require mitigating actions that reduce mission efficiency/performance and increase safety and environmental risk.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Acquisition Strategy:	Design Bid Build
2. Design Data	
(a) Design or Request for Proposal (RFP) Started:	MAR/2017
(b) Percent of Design Completed as of Jan 2018 (BY-1):	35%
(c) Design or RFP Complete:	JUL/2018
(d) Total Design Cost ($000):	1,834
(e) Energy Study and/or Life Cycle Analysis performed:	No
(f) Standard or definitive design used?	No

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
JOINT BASE LEWIS McCHORD, WASHINGTON	REFUELING FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	12110	DESC1905	26,200

3. Construction Data:	
(a) Contract Award:	FEB/2019
(b) Construction Start:	MAR/2019
(c) Construction Complete:	JAN/2021

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
SOIL REMEDIATION	O&M AF	2019	100
AUTOMATIC TANK GAUGING	DWCF	2020	62
PANTOGRAPHS	DWCF	2020	901
CCTV	O&M AF	2020	2
FURNITURE, FIXTURES & EQUIPMENT	O&M AF	2020	8

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation And Location	4. Command	5. Area Construction Cost Index
KADENA AIR BASE, JAPAN	DEFENSE LOGISTICS AGENCY	2.11

6. PERSONNEL tenant of U.S. Air Force	(1)PERMANENT			(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF										
b. END FY										

7. INVENTORY DATA *($000)*	
A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF 30 SEP 2015	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	21,400
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	5,600
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	27,000

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1)Code	(2) PROJECT TITLE	(3) SCOPE	*($000)*	(1)START	(2)COMPLETE
126	TRUCK UNLOAD FACILITIES	8 OL	21,400	02/17	04/19

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
		NONE	

b. PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
852	DESC20S4	UPGRADE REFUELER PARKING AREA	5,600

10. MISSION OR MAJOR FUNCTION

As the host unit at Kadena Air Base, the mission of the 18th Wing is to deliver unmatched combat airpower and a forward-staging base to provide sovereign options that promote peace and stability in the Asia-Pacific region, ensure the common defense of our allies, and enhance the United States' unparalleled global engagement capability. It is the largest combat wing in the Air Force, operating out of the largest Air Force installation in the Pacific.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $6.4 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: *($000)*

A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
KADENA AIR BASE, JAPAN	TRUCK UNLOAD FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	126926	DESC1911	21,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES.....	-	-	-	12,327
TRUCK OFFLOAD FACILITY (CC 126926).....	OL	8	1,417,000	(11,336)
ELECTRICAL BUILDINGS (CC 126926).....	SF	820	1,209	(991)
SUPPORTING FACILITIES.....	-	-	-	6,783
SITE IMPROVEMENTS.....	LS	-	-	(3,377)
MECHANICAL.....	LS	-	-	(2,401)
ELECTRICAL.....	LS	-	-	(407)
UTILITIES.....	LS	-	-	(392)
DEMOLITION & SITE PREPARATION.....	LS	-	-	(206)
SUBTOTAL.....	-	-	-	19,110
CONTINGENCY (5%).....	-	-	-	956
ESTIMATED CONTRACT COST.....	-	-	-	20,066
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.5%)..				1,304
TOTAL	-	-	-	21,369
TOTAL (ROUNDED)	-	-	-	21,400
REQUIREMENTS FROM OTHER APPROPRIATIONS (NON-ADD) .				(150)

Currency Exchange Rate: ¥111.3365/$

10. Description of Proposed Construction:

Construct a four-position fuel truck offload facility at both Kadena Tank Farm (KTF) and Seido Tank Farms (STF). Each truck offload skid shall have three offload connections to facilitate simultaneous offload of multi-compartment trucks. Each skid will be capable of offloading a commercial tanker truck at a flowrate of 300-gpm for a total of 1200-gpm receipt into bulk storage tanks. Provide skid mounted mechanical equipment including a bulk air eliminator, vertical in-line API 610 pump, temperature compensated flow meter, flow control valves, manual isolation valves, pressure gauges and thermal relief valves and piping. Electrical controls at each offload station shall include self- monitoring ground verification units, flow switches, pump controls, emergency fuel shutoff (EFSO) stations, and instrumentation. The truck offloads include grounding, canopies, lightning protection, containment systems, new underground piping, valves, fittings, cathodic protection, and other supporting appurtenances from the offload facility to the existing manifold and filtration system.

The electrical building includes an adjacent, covered generator with enclosure for both KTF and STF locations. The electrical/generator buildings will house the new backup generator with transfer switches, electrical control systems, communications, switchboards and other supporting electrical and cyber-security equipment at each site, as well as a backup generator. The electrical building will contain emergency eyewash/shower and be outfitted with HVAC, lighting, grounding, lightning protection, fire alarm panels, and utility

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
KADENA AIR BASE, JAPAN	TRUCK UNLOAD FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	126926	DESC1911	21,400

connections.

Supporting site improvements include all grading, paving, walks, concrete containment, valve pit modifications, emergency eyewash stations, access roadways, crossover stairs, platforms, fencing, & gates, parking bumpers, bollards, seeding and related site improvements.

Mechanical work includes additive injection systems and storage at both KTF and STF locations and includes containment system, storage tanks, additive offload area and container storage, all piping, pumps, piping supports, valves, mixers & related appurtenances, injectors and equipment, stairs, access ways to tanks, and cathodic protection.

Electrical work includes primary and secondary power, pad mounted transformers, ductbanks, emergency fuel shutoff stations, site lighting, grounding, tank gauging communications, all connections and related work.

Utilities work includes site water, fire protection, sanitary, storm drainage, low impact development features, and all related work.

Demolition and site preparation include demolition of building 1230 (344 SF), demolition and rerouting of underground utilities and storm drainage, pavement and walk demolition, clearing and grading, erosion and sediment control features and related work.

11. REQUIREMENT: 8 Outlets (OL) **ADEQUATE:** 0 OL **SUBSTANDARD:** 8 OL

PROJECT: Construct Truck Unload Facilities. (C)

REQUIREMENT: An alternate means to resupply fuel along with the ability to convert Jet A1 fuel to military specification JP-8 fuel.

CURRENT SITUATION: Kadena Air Base receives jet turbine fuel by cross-island pipeline. There is a need to be able to receive fuel, if the pipeline fails. This situation becomes important during contingency or emergency situations when the number of flights and missions drastically increase. With the DLA Energy procurement initiative to begin purchasing Jet A1, bases will no longer receive military spec JP-8 fuel and the need for additives will be mandatory to support current mission operations for Kadena Air Base.

IMPACT IF NOT PROVIDED: Kadena Air Base will continue to lack a redundant fuel supply capability and will not meet the required resiliency required by UFC and AFI standards. Without the new offload and additive system, the base’s capability to provide adequate support to the flying mission in the Pacific and intra-theatre areas of responsibility will be impacted. JP-8 is more expensive and difficult to procure outside of the continental US. The availability of JP-8 in the Pacific region impacts the ability to deliver fuel to the warfighting effort quickly. Further, the bulk truck offload systems will provide interim / back-up resupply capability with sufficient capacity to replenish average daily requirement and meet contingency operation requirements.

ADDITIONAL: This project will meet all applicable DOD criteria to include cyber-security and will conform to Anti-Terrorism Force Protection (ATFP) standards, LEED, and Federal Energy Acts compliance criteria for design, development, and construction of the project.

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
KADENA AIR BASE, JAPAN	TRUCK UNLOAD FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	126926	DESC1911	21,400

12. Supplemental Data:	
A. Estimated Design Data:	
1. Acquisition Strategy:	Design Bid Build
2. Design Data	
(a) Design or Request for Proposal (RFP) Started:	FEB/2017
(b) Percent of Design Completed as of Jan 2018 (BY-1):	35%
(c) Design or RFP Complete:	MAR/2019
(d) Total Design Cost ($000):	1,458
(e) Energy Study and/or Life Cycle Analysis performed:	No
(f) Standard or definitive design used?	No
3. Construction Data:	
(a) Contract Award:	JUL/2019
(b) Construction Start:	AUG/2019
(c) Construction Complete:	APR/2021

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
SOIL REMEDIATION/REMOVAL	DWCF	2019	150

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation And Location	4. Command	5. Area Construction Cost Index
MARINE CORPS AIR STATION, IWAKUNI, JAPAN	DEFENSE LOGISTICS AGENCY	2.16

6. PERSONNEL tenant of U.S. Navy	(1)PERMANENT			(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF										
b. END FY										

7. INVENTORY DATA *($000)*	
A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF 30 SEP 2015	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	33,200
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	23,700
F. PLANNED IN NEXT THREE PROGRAM YEARS	15,000
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	72,900

8. PROJECTS REQUESTED IN THIS PROGRAM:

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1)Code	(2) PROJECT TITLE	(3) SCOPE	*($000)*	(1)START	(2)COMPLETE
151	FUEL PIER	600 SY	33,200	05/17	08/18

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
411	DESC1803	BULK STORAGE TANKS (PH 2)	23,700

b. PLANNED IN NEXT FOUR YEARS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST *($000)*
411	DESC1803	BULK STORAGE TANKS (PH 3)	15,000

10. MISSION OR MAJOR FUNCTION

Marine Corps Air Station Iwakuni is primarily an F/A-18 pilot training and air patrol station. Other types of aircraft also frequent the base and together support security obligation to protect Japan and project power throughout the Pacific. These fuel facilities provide essential storage and distribution systems to support the missions of assigned units and transient aircraft at MCAS Iwakuni, Japan.

These fuel facilities provide essential storage and distribution systems to support the missions of assigned units and transient aircraft at MCAS Iwakuni, Japan.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $9.3 million.

11. OUTSTANDING POLLUTIONPOLLUTION AND SAFETY DEFICIENCIES: *($000)*		
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
MARINE CORPS AIR STATION, IWAKUNI, JAPAN	FUEL PIER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	15140	DESC1903	33,200

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES.....	-	-	-	27,747
OFFLOADING PLATFORM (CC 15140).....	SY	600	27,868	16,721
BREASTING & MOORING DOLPHINS (CC 16310).....	EA	6	1,435,355	8,612
CONTROL BUILDING (CC 89009).....	SF	210	2,565	539
SPECIAL COSTS	LS	-	-	1,875
SUPPORTING FACILITIES.....	-	-	-	1,876
SITE IMPROVEMENTS.....	LS	-	-	948
ELECTRICAL & COMMUNICATIONS.....	LS	-	-	565
MECHANICAL PIPING & UTILITIES.....	LS	-	-	347
DEMOLITION.....	LS	-	-	16
SUBTOTAL.....	-	-	-	29,623
CONTINGENCY (5%).....	-	-	-	1,481
ESTIMATED CONTRACT COST.....	-	-	-	31,104
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.5%)..	-	-	-	2,022
TOTAL	-	-	-	33,126
TOTAL (ROUNDED)	-	-	-	33,200
REQUIREMENTS FROM OTHER APPROPRIATIONS (NON-ADD)..	-	-	-	(377)

Currency Exchange Rate: ¥111.3365/$

10. Description of Proposed Construction:

Construct a pile supported concrete offload fuel platform to accommodate medium sized (235 MBBL) tankers. The offload platform will be equipped with fuel piping, four marine arms, stripping pumps, containment curbs, lighting, water and foam fire protection system with standpipes, foam hose reels, hose cabinets, manual and remote controlled foam monitors. All fuel piping, valves and equipment with supports will be included.

The project includes two berthing dolphins and four mooring dolphins. The dolphins will consist of coated steel piles supporting a concrete cap with a deepened fascia for mounting the fenders and vessel fender system. The dolphins will include an upper level cap or platform with room for access walkways, ladders, and mooring bollards.

The control building will house electrical controls for a fuel pier control system and offload monitoring, storage and mechanical/electrical spaces, hose bibs, telecomm cabinet, transformer, alarms & annunciator, lighting protection, emergency shutoffs, and related improvements.

Special costs include dredging.

Site improvements include emergency eyewash and shower, bollards, ladders, stairs, light pole foundations, stairs, walkways & gangways for access from platform to breasting dolphins, pipe

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
MARINE CORPS AIR STATION, IWAKUNI, JAPAN	FUEL PIER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	15140	DESC1903	33,200

bridges and related items.

Mechanical work includes expansion loops for firewater and foam supply pipes, water piping, valves, drains, pipe supports and related mechanical items.

Electrical work includes all grounding, conduits, handholes, primary power, transformers, telecom, site lighting, and cameras to remotely monitor the offload platform.

Demolition includes removal of pavements, guardrails, piping, and related work.

11. REQUIREMENT: 600 Square Yard (SY) **ADEQUATE: 0** SY **SUBSTANDARD:** 0 SY

PROJECT: Construct fuel offloading pier. (C)

REQUIREMENT: MCAS Iwakuni has a bulk fuel storage facility with JP-5 storage capacity of 310 MBBLs. The mission of MCAS Iwakuni includes support of operations, maintenance, and supply of tenant units and ships. Additional jet fuel storage capacity is needed at this location to support strategic en route refueling operations, strategic airlift, and force projection in the Pacific. Bulk tanks will store reserve jet fuel required to sustain contingency operations, pending resupply by tanker ships. This project complements the addition of 400 MBBL storing capacity by DLA FY 2018 MILCON Project DESC1803 and one 100 MBBL tank that will be built by the Government of Japan under the DPRI program. This project will permit the unloading of medium size (235 MBBL) tankers allowing more economical fuel resupply while reducing the number of resupply cycles that support the Air Station’s requirements.

CURRENT SITUATION: The present fuel pier is limited to T-1 tankers and/or small intercoastal barges with capacity of around 500,000 gallons. Overall quantities of JP-5 from commercial sources are limited and impact operational requirements. With new storage currently being constructed under the companion DESC1803 project, resupply by T-1 tankers will continue to be limited by both capacity and availability of T-1 tankers in the Pacific/Worldwide markets. Contingency operations are not sustainable without this added capability.

IMPACT IF NOT PROVIDED: MCAS Iwakuni will continue to function with the current T-1 tanker/intercoastal barge limitations that fail to meet full resupply capability to maintain contingency operational requirements.

ADDITIONAL: The co-sponsored DESC/PACOM Storage and Distribution Business Case Analysis recommended reconfiguring/modifying the current fuel pier to accept medium size tankers, as well as retaining the capability for T-1 tankers and intercoastal barges for flexibility in scheduling strategic petroleum resupply. The capability for offloading medium size tankers will mitigate the Pacific/Worldwide availability shortage of T-1 tankers, as well as reducing the frequency of resupply. Since the existing pier has limited capacity, construction of a new pier is the only feasible alternative to satisfy the requirement. Because this project increases operational capabilities, and hence offensive capability, it does not qualify for funding by the Japanese Facilities Improvement Program (JFIP). This project meets all applicable DoD criteria. Host Nation funding was sought for this project but denied.

12. Supplemental Data:	
A. Estimated Design Data:	

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEBRUARY 2018

3. Installation and Location	4. Project Title
MARINE CORPS AIR STATION, IWAKUNI, JAPAN	FUEL PIER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	15140	DESC1903	33,200

1. Acquisition Strategy:	Design Bid Build
2. Design Data	
(a) Design or Request for Proposal (RFP) Started:	FEB/2017
(b) Percent of Design Completed as of Jan 2018 (BY-1):	35%
(c) Design or RFP Complete:	AUG/2018
(d) Total Design Cost ($000):	1,200
(e) Energy Study and/or Life Cycle Analysis performed:	No
(f) Standard or definitive design used?	No
3. Construction Data:	
(a) Contract Award:	FEB/2019
(b) Construction Start:	MAR/2019
(c) Construction Complete:	JUN/2021

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
OIL SPILL BOOM & REEL	DWCF	2021	250
SPILL RESPONSE EQUIPMENT	DWCF	2021	50
CCTV	DWCF	2021	7
HOSE REELS & HOSE CABINETS	DWCF	2021	70

Point of Contact is DLA Civil Engineer at 703-767-2326

DOD Education Activity
FY 2019 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Kentucky				
Fort Campbell				
Fort Campbell Middle School	62,634	62,634	C	75
Germany				
U.S. Army Garrison Wiesbaden				
Clay Kaserne Elementary School	56,048	56,048	C	79
Kaiserslautern				
Kaiserslautern Middle School	99,955	99,955	C	83
Belgium				
U.S. Army Garrison Benelux (Chievres)				
Europe West District Superintendent's Office	14,305	14,305	C	87
Japan				
Camp McTureous				
Bechtel Elementary School	94,851	94,851	C	91
Yokosuka				
Kinnick High School	170,386	170,386	C	95
Total	**498,179**	**498,179**		

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. Date
DoDEA		FEBRUARY 2018

3. Installation and Location	4. COMMAND	5. AREA CONSTRUC-TION COST INDEX
FORT CAMPBELL, KENTUCKY	DoDEA	0.97

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2017						504				504
b. END FY 2022						700				700

7. INVENTORY DATA ($000)

TOTAL ACREAGE 0
INVENTORY TOTAL AS OF 0
AUTHORIZATION NOT YET IN INVENTORY 0
AUTHORIZATION REQUESTED IN THIS PROGRAM 62,634
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM 0
PLANNED IN NEXT THREE PROGRAM YEARS 0
REMAINING DEFICIENCY 0
GRAND TOTAL 62,634

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
73046	FORT CAMPBELL MIDDLE SCHOOL	167,000 SF	62,634	Jan 2017	Nov 2018

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM
None

b. PLANNED IN NEXT THREE YEARS
None

10. MISSION OR MAJOR FUNCTIONS
Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

None

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE:
DoDEA		FEBRUARY 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT CAMPBELL, KENTUCKY	FORT CAMPBELL MIDDLE SCHOOL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00029	62,634

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**48,914**
MIDDLE SCHOOL ADDITION (73046)	SF	126,000	321.38	40,494
MIDDLE SCHOOL RENOVATION (73046)	SF	41,000	82.68	3,390
SDD AND FEDERAL ENERGY ACTS COMPLIANCE				
ANTITERRORISM (AT/FP) MEASURES	LS			2,160
CYBERSECURITY MEASURES	LS			2,040
				830
SUPPORTING FACILITIES				**7,300**
ELECTRICAL/GAS UTILITIES	LS			320
COMMUNICATION UTILITIES	LS			30
WATER/SEWER UTILITIES	LS			990
SITE PREPARATION	LS			860
SITE IMPROVEMENTS	LS			1,700
AT/FP	LS			740
DEMOLITION	LS			1,830
ENVIRONMENTAL MITIGATION	LS			830
ESTIMATED CONTRACT COST				**56,214**
CONTINGENCY PERCENT (5%)				2,811
SUBTOTAL				**59,025**
SUPERVISION, INSPECTION & OVERHEAD (5.7%)				3,364
ENGINEERING DURING CONSTRUCTION				245
TOTAL REQUEST ROUNDED				**62,634**
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				**4,590**

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Renovate a middle school with functional areas containing neighborhood instructional spaces, special education spaces, staff collaboration spaces, commons area, performance space, information center, physical education, art room, music room, science labs, career technical education labs, administration suite, health suite, guidance counseling suite, special education suite, food service, janitorial workroom, maintenance support, school supply/storage area, technology service center, and other required areas for a fully functioning middle school. Typical construction for the new building addition is anticipated to consist of spread footing foundation, steel frame, concrete masonry units, insulation, and face brick exterior walls, concrete masonry units and metal stud and gypsum board interior wall materials, and operable/movable partition walls.

Department of Defense (DoD) and Department of Defense Education Activity (DoDEA) principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.

Anti-Terrorism/Force Protection (AT/FP) features will comply with regulations, and physical security mitigation in accordance with DoD Minimum Anti-Terrorism Standards for Buildings. Additional AT/FP measures will be incorporated as required by the installation commander.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE:
DoDEA		FEBRUARY 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT CAMPBELL, KENTUCKY	FORT CAMPBELL MIDDLE SCHOOL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00029	62,634

Facilities will be designed to provide cyber security engineering and validation as specified in DoD Unified Facilities Criteria.

The project includes related infrastructure such as water, sewer, electric, gas, and communications, such as telephone, local area network, community access television systems, and provisions for interior and campus wireless access.

Site work includes site preparation, site improvements, signage, fencing, paving, sidewalks, landscaping, covered walkways, canopies, exterior lighting, exterior play courts, storm water management, low impact development, and external AT/FP.

Demolition includes approximately 69,000 SF of existing facilities.

Hazardous material mitigation will be required for the building to be demolished and renovated. U.S. Federal Environmental Laws and Regulations shall be followed. Asbestos containing materials, mercury, polychlorinated biphenyl, and lead based paint are present in the existing facilities. The site is a known radon risk. Radon resistant construction is incorporated into the new design.

Facilities will be designed in accordance with DoDEA Education Facilities Specifications, DoD Unified Facilities Criteria and other applicable codes.
Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facilities Criteria.
Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.

11. REQUIREMENT: 167,000 SF ADQT: 00,000 SF SUBSTD: 69,000 SF

PROJECT:

This project constructs a middle school by renovations and additions to the existing high school and associated support facilities.

REQUIREMENT:

The middle school is required to provide adequate academic facilities for 700 students in grades 6 through 8. School population is based on the projected enrollment for 2022/2023 school year.

This project is not sited in a 100-year flood plain.

CURRENT SITUATION:

The current middle school is located at Building #71 Mahaffey Middle School which was constructed in 1967. The facility is in poor condition, and the spaces are inadequate. Many building systems are outdated, failing, and in need of repair or replacement. The existing school structures do not comply with current building codes, AT/FP standards, and sustainability standards. Interior finishes are degraded. Heating, ventilation and air conditioning and electrical systems are not sufficient and do not meet federally mandated energy performance standards. The building plumbing infrastructure is original – requiring repair/replacement of plumbing components. Exterior walls and windows do not meet energy standards and need repair.

IMPACT IF NOT PROVIDED:

The substandard environment will continue to hamper the educational process and the middle school will not be able to

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE:
DoDEA		FEBRUARY 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT CAMPBELL, KENTUCKY	FORT CAMPBELL MIDDLE SCHOOL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	AM00029	62,634

support the DoDEA curriculum and provide for a safe facility. The continued use of deficient, inadequate, and undersized facilities that do not accommodate the current student population will continue to impair the overall education program for students. The required maintenance and repair of expired and failing systems will continue to strain maintenance capabilities and budgets if the facility is not upgraded.

12. Supplemental Data:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design/Bid/Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	JAN 2017
(b) Percent of Design Completed as of January 2018:	15%
(c) Design or RFP Complete:	NOV 2018
(d) Total Design Cost ($000):	6,175
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Standard or definitive design used:	No
(3) Construction Data:	
(a) Contract Award:	MAY 2019
(b) Construction Start:	JUL 2019
(c) Construction Complete:	JAN 2022

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Furnishings	O&M	2022	805
Kitchen	O&M	2022	526
IT	O&M	2022	1,495
Education Supplies	O&M	2022	1,674
Safety Equipment	O&M	2022	10
Security Equipment	O&M	2022	80

JOINT USE CERTIFICATION:

This facility can be used by other components on an “as available” basis; however, the scope of the project is based on DoDEA requirements.

DoDEA POC (571) 372-1405

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. Date
DoDEA		FEBRUARY 2018

3. Installation and Location	4. COMMAND	5. AREA CONSTRUC-TION COST INDEX
LUCIUS D. CLAY KASERNE US ARMY GARRISON WIESBADEN, GERMANY	DoDEA	1.09

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2017						227				227
b. END FY 2022						290				290

7. INVENTORY DATA ($000)

TOTAL ACREAGE ……..	0
INVENTORY TOTAL AS OF ……	0
AUTHORIZATION NOT YET IN INVENTORY……..	0
AUTHORIZATION REQUESTED IN THIS PROGRAM……..…..	56,048
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM……	0
PLANNED IN NEXT THREE PROGRAM YEARS……	0
REMAINING DEFICIENCY……	0
GRAND TOTAL……..	56,048

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
73046	CLAY KASERNE ELEMENTARY SCHOOL	76,000 SF	56,048	Feb 2017	Feb 2019

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM

None

b. PLANNED IN NEXT THREE YEARS

None

10. MISSION OR MAJOR FUNCTIONS

Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

None

1. COMPONENT DoDEA	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEBRUARY 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
LUCIUS D. CLAY KASERNE US ARMY GARRISON WIESBADEN, GERMANY	CLAY KASERNE ELEMENTARY SCHOOL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	EU00112	56,048

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**32,052**
ELEMENTARY SCHOOL (73046)	SF	76,000	394.84	30,008
SUPPORT FACILITY (89144)	LS			957
SDD AND FEDERAL ENERGY ACTS COMPLIANCE	LS			185
CYBERSECURITY MEASURES	LS			902
SUPPORTING FACILITIES				**17,863**
ELECTRICAL/GAS UTILITIES				826
COMMUNICATION UTILITIES				435
WATER/SEWER UTILITIES				1,033
SITE PREPARATION				4,338
SITE IMPROVEMENTS				6,382
AT/FP				315
DEMOLITION				3,664
ENVIRONMENTAL MITIGATION				870
ESTIMATED CONTRACT COST				**49,915**
CONTINGENCY PERCENT (5%)				2,496
SUBTOTAL				**52,411**
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				3,407
ENGINEERING DURING CONSTRUCTION				230
TOTAL REQUEST ROUNDED				**56,048**
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				2,072

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct an elementary school with functional areas containing neighborhood instructional spaces, special education spaces, staff collaboration spaces, commons area, multipurpose room, information center, physical education, art room, music room, administration suite, health suite, guidance counseling suite, special education suite, food service, janitorial workroom, maintenance support, school supply/storage area, technology service center, and other required areas for a fully functioning elementary school. Typical construction is anticipated to consist of shallow and deep pile foundations, reinforced load bearing concrete frames and exterior wall with exterior insulation and plaster finish systems. Roof will be concrete and concrete/steel framed systems with a combination of low slope roof and sloped roof systems as accents. Interior construction will be combinations of reinforced concrete structural walls and masonry and drywall systems. The learning neighborhoods will include operable, folding partition walls to enhance the flexibility of the space use.

Construct a non-potable water supply building with functional areas that contain fire pump mechanical equipment, fire pumps, water storage tank, and the required electrical equipment and controls.

Department of Defense (DoD) and Department of Defense Education Activity (DoDEA) principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.

Anti-Terrorism/Force Protection (AT/FP) features will comply with regulations and physical security mitigation in accordance with DoD Minimum Anti-Terrorism Standards for Buildings.

1. COMPONENT DoDEA	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEBRUARY 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
LUCIUS D. CLAY KASERNE US ARMY GARRISON WIESBADEN, GERMANY	CLAY KASERNE ELEMENTARY SCHOOL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	EU00112	56,048

Facilities will be designed to provide cyber security engineering and validation as specified in DoD Unified Facilities Criteria.

The project includes related infrastructure such as potable and non-potable water, storm and sanitary sewer system extensions and connections, electrical power secondary extension, transformer station and house connections and fire protection water storage tanks and pumps.

Site amenities will include staff and visitor parking areas, parent drop off lane, emergency access lanes, bus loading/unloading areas, and delivery/maintenance service areas. Playgrounds, open space play areas, bicycle racks, site furnishings, site paving (walks/paths), landscaping, fencing, covered walkways/canopies, signage, exterior lighting and external ATFP controls/structures will also be included for a fully functional elementary school campus.

Demolition includes approximately 42,000 SF of existing facilities.

Facilities will be designed in accordance with DoDEA Education Facilities Specifications, DoD Unified Facilities Criteria, and German Host Nation codes, regulations, environmental and energy reduction requirements.

Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facilities Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.

11. REQUIREMENT: 76,000 SF ADQT: 0 SF SUBSTD: 42,000 SF

PROJECT:

This project constructs a new elementary school at Clay Kaserne and removes the existing elementary school and associated support facilities at Aukamm housing area.

REQUIREMENT:

The elementary school is required to provide adequate academic facilities for 290 students in grades Pre-K to 5. School population based on the projected enrollment for 2022/2023 school year.

This project is not sited in a 100-year flood plain.

CURRENT SITUATION:

The existing Aukamm facility is located in an area that does not have a controlled perimeter fence which represents a security risk. This area cannot be converted into a controlled perimeter because a city of Wiesbaden municipal street bisects the installation area. Higher security requirements cannot be met on the current campus, compelling a relocation of the replacement facility.

The existing Aukamm facility was built in 1961 with a two classroom kindergarten annex building added in 2004. The facilities are in poor condition: Electrical secondary feeds and branch circuits, general and emergency lighting systems, Fire alarm main panels and fire protection systems, heating and ventilation systems, most plumbing fixtures and piping, interior doors and fire doors and hardware, interior cabinetry and millwork, roof membranes, flashings, gutters/downspouts, exterior doors and hardware, and exterior finishes and joint sealants are all in expired or failing condition.

1. COMPONENT DoDEA	**FY 2019 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEBRUARY 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
LUCIUS D. CLAY KASERNE US ARMY GARRISON WIESBADEN, GERMANY	CLAY KASERNE ELEMENTARY SCHOOL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73046	EU00112	56,048

IMPACT IF NOT PROVIDED:

The substandard environment will continue to hamper the educational process, and the campus will remain a security risk from threats associate with an uncontrolled perimeter exposure. The required maintenance and repair of expired and failing systems will continue to strain maintenance capabilities and budgets.

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 2017
(b) Percent of Design Completed as of January 2018:	15%
(c) Design or RFP Complete:	FEB 2019
(d) Total Design Cost ($000):	5,157
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Standard or definitive design used:	No
(3) Construction Data:	
(a) Contract Award:	AUG 2019
(b) Construction Start:	OCT 2019
(c) Construction Complete:	JAN 2022

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Furnishings	O&M	2022	334
Kitchen	O&M	2022	218
IT	O&M	2022	923
Education Supplies	O&M	2022	554
Safety Equipment	O&M	2022	10
Security Equipment	O&M	2022	33

JOINT USE CERTIFICATION:

This facility can be used by other components on an “as available” basis; however, the scope of the project is based on DoDEA requirements.

DoDEA POC (571) 372-1405

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. Date
DoDEA		FEBRUARY 2018

3. Installation and Location	4. COMMAND	5. AREA CONSTRUC-TION COST INDEX
VOGELWEH, KAISERSLAUTERN, GERMANY	DoDEA	1.10

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2017						739				739
b. END FY 2025						820				820

7. INVENTORY DATA ($000)

TOTAL ACREAGE	0
INVENTORY TOTAL AS OF	0
AUTHORIZATION NOT YET IN INVENTORY	0
AUTHORIZATION REQUESTED IN THIS PROGRAM	99,955
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
PLANNED IN NEXT THREE PROGRAM YEARS	0
REMAINING DEFICIENCY	0
GRAND TOTAL	99,955

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
730787	KAISERSLAUTERN MIDDLE SCHOOL	193,745 SF	99,955	Mar 2017	May 2019

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM

None

b. PLANNED IN NEXT THREE YEARS

None

10. MISSION OR MAJOR FUNCTIONS

Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

None

1. COMPONENT DoDEA	**FY 2019 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEBRUARY 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
VOGELWEH KAISERSLAUTERN, GERMANY	KAISERSLAUTERN MIDDLE SCHOOL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	730787	EU00048	99,955

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**71,809**
REPLACE MIDDLE SCHOOL (730787)	SF	171,000	384.59	65,765
RENOVATE MULTIPURPOSE BUILDING	SF	22,745	94.88	2,158
SDD AND FEDERAL ENERGY ACTS COMPLIANCE	LS			1,299
CYBERSECURITY MEASURES	LS			869
SPECIAL COSTS – SWING SPACE (VOGELWEH ES)	LS			1,718
SUPPORTING FACILITIES				**17,326**
SPECIAL CONSTRUCTION FEATURES – ADDED FILL	LS			**1,226**
ELECTRICAL/GAS UTILITIES	LS			723
COMMUNICATION UTILITIES	LS			398
WATER/SEWER UTILITIES	LS			1,089
SITE PREPARATION	LS			1,288
SITE IMPROVEMENTS	LS			4,190
AT/FP	LS			1,498
DEMOLITION – EXISTING BUILDINGS	LS			4,997
ENVIRONMENTAL MITIGATION	LS			1,917
ESTIMATED CONTRACT COST				**89,135**
CONTINGENCY PERCENT (5%)				4,457
SUBTOTAL				**93,592**
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				6,083
ENGINEERING DURING CONSTRUCTION				280
TOTAL REQUEST ROUNDED				**99,955**
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				**5,268**

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a middle school including renovation of existing multipurpose building with functional areas containing neighborhood instructional spaces, special education spaces, staff collaboration spaces, commons area, performance space, information center, physical education, art room, music room, science labs, career technical education labs, administration suite, health suite, guidance counseling suite, special education suite, food service, janitorial workroom, maintenance support, school supply/storage area, technology service center, and other required areas for a fully functioning middle school. Typical construction is anticipated to consist of concrete foundations, concrete and steel frame, exterior panels, glass, concrete, and exterior cladding systems. Interior construction will consist of partition walls, operable/movable walls, and reinforced concrete walls.

Department of Defense (DoD) and Department of Defense Education Activity (DoDEA) principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.

This project will provide Anti-Terrorism/Force Protection (AT/FP) features and comply with regulations and physical

1. COMPONENT DoDEA	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEBRUARY 2018
3. INSTALLATION AND LOCATION VOGELWEH KAISERSLAUTERN, GERMANY	4. PROJECT TITLE: KAISERSLAUTERN MIDDLE SCHOOL	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	730787	EU00048	99,955

security mitigation in accordance with DoD Minimum Anti-Terrorism Standards for Buildings.

Facilities will be designed to provide cyber security engineering and validation.

Primary facility special costs provide for swing space during construction. Vogelweh Elementary School will be partially renovated to serve as the required swing space.

Supporting Facility special construction features include fill to the project site to create level areas for the school, parking, and associated components.

The project includes related infrastructure such as water, sewer, district heating, electrical, communications/data, and mechanical rooms.

Site work includes fencing, paving, landscaping, walkways, canopies, staff and visitor parking areas, parent drop off lane, emergency access lanes, bus loading/unloading areas, delivery areas, exterior lighting, outdoor play area, site prep, site improvements, storm water, low impact development, and external AT/FP measures.

Demolition includes approximately 271,000 SF of existing facilities.

Project Environmental Mitigation consists of costs associated with hazardous materials remediation and the removal of trees on the site. U.S. Federal regulations and applicable host nation standards will be followed.

Facilities will be designed in accordance with DoDEA Education Facilities Specifications, DoD Unified Facilities Criteria, and applicable host nation standards.

Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facilities Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.

11. REQUIREMENT: 193,745 SF ADQT: 00,000 SF SUBSTD: 270,500 SF

PROJECT:

This project constructs a middle school facility by replacing the existing elementary, middle and high school buildings and associated support facilities. The new middle school consolidates populations from the existing Kaiserslautern Middle School, Sembach Elementary/Middle School, and the Landstuhl Elementary/Middle Schools.

REQUIREMENT:

The middle school is required to provide adequate academic facilities for 820 students in grades six through eight. School population based on the projected enrollment for 2025/2026 school year.
This project is not sited in a 100-year flood plain.

CURRENT SITUATION:

The current school facilities were originally constructed in 1952. Additions were constructed in 1953, 1974, 1984, 1988, 2003 and 2013. The facility is in poor or failing condition. The following systems are expired or are failing; mechanical, electrical, communications and water service. Existing facilities are insufficient and undersized, have poor functional layouts and fail to meet DoDEA Education Facilities Specifications. The middle school shares several

1. COMPONENT DoDEA	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEBRUARY 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
VOGELWEH KAISERSLAUTERN, GERMANY	KAISERSLAUTERN MIDDLE SCHOOL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	730787	EU00048	99,955

buildings and campus with an elementary and high school, making separation of the various age groups difficult. Lack of athletic fields negatively impacts the school athletic and physical fitness programs. Portions of the existing facilities are within 45 meters of the base perimeter and do not meet AT/FP standards.

IMPACT IF NOT PROVIDED:

The substandard environment will continue to hamper the educational process and the middle school will not be able to support the DoDEA curriculum and provide for a safe facility. The required maintenance and repair of expired and failing systems will continue to strain maintenance capabilities and budgets. The existing general purpose classrooms, art, music, information, administrative offices, and faculty support areas have insufficient space and equipment to support current curriculum requirements. The existing science and technology labs have insufficient space, equipment and functional layout to support the educational curriculum requirements.

12. Supplemental Data:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design/Bid/Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	MAR 2017
(b) Percent of Design Completed as of January 2018:	15%
(c) Design or RFP Complete:	MAY 2019
(d) Total Design Cost ($000):	9,543
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Standard or definitive design used:	No
(3) Construction Data:	
(a) Contract Award:	AUG 2019
(b) Construction Start:	NOV 2019
(c) Construction Complete:	FEB 2024

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Furnishings	O&M	2024	943
Kitchen	O&M	2024	616
IT	O&M	2024	1,645
Education Supplies	O&M	2024	1,961
Safety Equipment	O&M	2024	10
Security Equipment	O&M	2024	93

JOINT USE CERTIFICATION:

This facility can be used by other components on an “as available” basis; however, the scope of the project is based on DoDEA requirements.

DoDEA POC (571) 372-1405

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. Date
DoDEA		FEBRUARY 2018

3. Installation and Location	4. COMMAND	5. AREA CONSTRUC-TION COST INDEX
US ARMY GARRISON BENELUX, CHIEVRES, BELGIUM	DoDEA	1.41

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2017			47							47
b. END FY 2021			47							47

7. INVENTORY DATA ($000)

TOTAL ACREAGE ……..	0
INVENTORY TOTAL AS OF ……	0
AUTHORIZATION NOT YET IN INVENTORY……..	0
AUTHORIZATION REQUESTED IN THIS PROGRAM……..	14,305
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM……	0
PLANNED IN NEXT THREE PROGRAM YEARS……	0
REMAINING DEFICIENCY……	0
GRAND TOTAL……..	14,305

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
61050	Europe West District Superintendent's Office	19,600 SF	14,305	Feb 2017	Dec 2018

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM

None

b. PLANNED IN NEXT THREE YEARS

None

10. MISSION OR MAJOR FUNCTIONS

Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

None

1. COMPONENT DoDEA	**FY 2019 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEBRUARY 2018
3. INSTALLATION AND LOCATION US ARMY GARRISON BENELUX, CHIEVRES, BELGIUM	4. PROJECT TITLE: EUROPE WEST DISTRICT SUPERINTENDENT'S OFFICE	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	61050	EU00174	14,305

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**10,016**
DISTRICT SUPERINTENDENT OFFICE (61050)	SF	19,600	453.32	8,885
SDD AND FEDERAL ENERGY ACTS COMPLIANCE	LS			228
CYBERSECURITY MEASURES	LS			903
SUPPORTING FACILITIES				**2,687**
ELECTRICAL/GAS UTILITIES	LS			163
COMMUNICATION UTILITIES	LS			120
WATER/SEWER UTILITIES	LS			576
SITE IMPROVEMENTS	LS			1,262
AT/FP	LS			566
ESTIMATED CONTRACT COST (sum of primary and supporting)				**12,703**
CONTINGENCY PERCENT (5%)				635
SUBTOTAL				**13,338**
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				867
ENGINEERING DURING CONSTRUCTION				100
TOTAL REQUEST ROUNDED				**14,305**
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				**860**

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a district superintendent's office (DSO) with functional areas containing open and closed office spaces, work areas, conference rooms, training rooms, storage areas, and other required areas for a fully functioning district superintendent's office. Typical construction is anticipated to consist of spread footings, slab on grade, structural steel, cast-in-place concrete, metal stud partitions, concrete masonry walls, and operable/movable partition walls.

Department of Defense (DoD) and Department of Defense Education Activity (DoDEA) principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.

Anti-Terrorism/Force Protection (AT/FP) features will comply with regulations and physical security mitigation in accordance with DoD Minimum Anti-Terrorism Standards for Buildings.

Facilities will be designed to provide cyber security engineering and validation as specified in DoD Unified Facilities Criteria.

The project includes related infrastructure such as electrical, gas, communications, water, sewer, and site improvements. Site work includes signage, fencing, paving, landscaping, covered walkways, canopies, exterior lighting, staff and visitor parking areas, delivery areas, site prep, site improvements, storm water, low impact development, external AT/FP features.

Facilities will be designed in accordance with DoDEA Education Facilities Specifications, DoD Unified Facilities Criteria, and German Host Nation codes, regulations, environmental and energy reduction requirements.

Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facilities Criteria.

1. COMPONENT DoDEA	**FY 2019 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEBRUARY 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
US ARMY GARRISON BENELUX, CHIEVRES, BELGIUM	EUROPE WEST DISTRICT SUPERINTENDENT'S OFFICE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	61050	EU00174	14,305

Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.

11. REQUIREMENT: 19,600 SF ADQT: 0 SF SUBSTD: 18,066 SF

PROJECT:

This project constructs a district superintendent's office by replacing the existing district superintendent's office and associated support facilities.

REQUIREMENT:

The new District Superintendent's Office (DSO) is required to provide adequate facilities for approximately 50 staff members supporting the DoDEA-Europe West School District. The DSO provides space for staff overseeing school operations across the United Kingdom, Belgium, and the Netherlands.

This project is not sited in a 100-year flood plain.

CURRENT SITUATION:

The current district superintendent's office was originally constructed in 1935. The facility is in poor condition. The following systems are expired or are failing; computer cooling, heating, interior doors, lighting, plumbing, roof coverings. The current district superintendent's office is temporarily located in a facility leased by U.S. Army Garrison Belgium/Netherlands/Luxemburg (BENELUX) which is scheduled to be divested based on the European Infrastructure Consolidation analysis.

IMPACT IF NOT PROVIDED:

The substandard environment will continue to hamper the educational process since the district superintendent's office is not be able to provide appropriate support for DoDEA schools. The required maintenance and repair of expired and failing systems will continue to strain maintenance capabilities and budgets. If a new facility is not provided, DoDEA will be required to enter into a new leasing agreement, potentially as the only tenant on a new site.

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 2017
(b) Percent of Design Completed as of January 2018:	15%
(c) Design or RFP Complete:	DEC 2018
(d) Total Design Cost ($000):	1,316
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Standard or definitive design used:	No
(3) Construction Data:	
(a) Contract Award:	APR 2019
(b) Construction Start:	JUN 2019
(c) Construction Complete:	JUN 2021

1. COMPONENT DoDEA	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEBRUARY 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
US ARMY GARRISON BENELUX, CHIEVRES, BELGIUM	EUROPE WEST DISTRICT SUPERINTENDENT'S OFFICE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	61050	EU00174	14,305

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Furnishings	O&M	2021	500
Kitchen	O&M	2021	0
IT	O&M	2021	300
Education Supplies	O&M	2021	0
Safety Equipment	O&M	2021	10
Security Equipment	O&M	2021	50

JOINT USE CERTIFICATION:

This facility can be used by other components on an "as available" basis; however, the scope of the project is based on DoDEA requirements.

DoDEA POC (571) 372-1405

1. COMPONENT	**FY 2019 MILITARY CONSTRUCTION PROGRAM**	2. Date
DoDEA		FEBRUARY 2018

3. Installation and Location	4. COMMAND	5. AREA CONSTRUC-TION COST INDEX
CAMP McTUREOUS, MARINE CORPS BASE BUTLER URUMA CITY, OKINAWA, JAPAN	DoDEA	1.88

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2017						775				775
b. END FY 2019						850				850

7. INVENTORY DATA ($000)

TOTAL ACREAGE ……..	0
INVENTORY TOTAL AS OF ……	0
AUTHORIZATION NOT YET IN INVENTORY……..	0
AUTHORIZATION REQUESTED IN THIS PROGRAM……..	94,851
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM……	0
PLANNED IN NEXT THREE PROGRAM YEARS……	0
REMAINING DEFICIENCY……	0
GRAND TOTAL……..	94,851

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
73061	BECHTEL ELEMENTARY SCHOOL	151,503 SF	94,851	Mar 2017	Feb 2019

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM

None

b. PLANNED IN NEXT THREE YEARS

None

10. MISSION OR MAJOR FUNCTIONS

Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

None

1. COMPONENT DoDEA	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEBRUARY 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
CAMP McTUREOUS, MARINE CORPS BASE BUTLER URUMA CITY, OKINAWA, JAPAN	BECHTEL ELEMENTARY SCHOOL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73061	PA00106	94,851

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**73,953**
ELEMENTARY SCHOOL (73061)	SF	81,000	663.94	53,779
BUILDING RENOVATION (73061)	SF	31,708	268.42	8,511
CLASSROOM BUILDING RENOVATION (73061)	SF	30,451	255.56	7,782
GYM BUILDING RENOVATION (73061)	SF	8,344	237.90	1,966
SDD AND FEDERAL ENERGY ACTS COMPLIANCE	LS			748
ANTITERRORISM (AT/FP) MEASURES	LS			10
CYBERSECURITY MEASURES	LS			828
TEMPORARY RELOCATION OF SCHOOL	LS			329
SUPPORTING FACILITIES				**10,626**
SPECIAL FOUNDATION FEATURES				2,454
ELECTRICAL/GAS UTILITIES				968
COMMUNICATION UTILITIES				50
WATER/SEWER/UTILITIES				748
SITE PREPARATION				1,377
SITE IMPROVEMENTS				2,884
AT/FP				279
DEMOLITION				1,816
ENVIRONMENTAL MITIGATION				50
ESTIMATED CONTRACT COST (sum of primary and supporting)				**84,579**
CONTINGENCY PERCENT (5%)				4,229
SUBTOTAL				**88,808**
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				5,773
DESIGN DURING CONSTRUCTION				270
TOTAL REQUEST ROUNDED				**94,851**
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				**4,855**

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct an elementary school building addition and renovate three (3) existing school buildings with functional areas containing neighborhood instructional spaces, special education spaces, staff collaboration spaces, commons area, multipurpose room, information center, physical education, art room, music room, administration suite, health suite, guidance counseling suite, special education suite, food service, janitorial workroom, maintenance support, school supply/storage area, technology service center, and other required areas for a fully functioning elementary school. Typical construction for new building addition is anticipated to consist of special deep foundation systems, reinforced concrete and structural steel framing and reinforced concrete bearing and shear-walls. Interior construction will consist of reinforced concrete interior bearing and shear-walls, gypsum wallboard partitions, and operable / movable partition walls.

Department of Defense (DoD) and Department of Defense Education Activity (DoDEA) principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.

1. COMPONENT DoDEA	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEBRUARY 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
CAMP McTUREOUS, MARINE CORPS BASE BUTLER URUMA CITY, OKINAWA, JAPAN	BECHTEL ELEMENTARY SCHOOL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73061	PA00106	94,851

This project will provide Anti-Terrorism/Force Protection (AT/FP) features and comply with AT/FP regulations, and physical security mitigation in accordance with DoD Minimum Anti-Terrorism Standards for Buildings.

Facilities will be designed to provide cybersecurity engineering and validation as specified in DoD Unified Facilities Criteria.

Temporary relocation of school operations allows the elementary school to continue to educate students at another DoDEA school on Okinawa so the Bechtel campus can accommodate unhampered contractor access.

Special foundation features are required due to poor near-surface subgrade soils capacity.

The project includes related infrastructure such as water, sewer, electrical, telephone, local area network, community access television systems, and provisions for interior and campus wireless access.

The project includes site preparation that includes non-building demolition and site improvements such as signage, fencing, paving, sidewalks, landscaping, exterior lighting, retaining walls, pedestrian bridges, canopies, covered walkways, play lots, play areas, outdoor learning, storm water, external AT/FP and parking. Reconfigured parking area to include: staff and visitor parking areas, parent drop off lane, emergency/service access lanes, and loading/delivery areas.

Demolition includes approximately 45,000 SF of existing facilities.

The project will require environmental mitigation for all buildings to be demolished or renovated. U.S. Federal and Japan Environmental Laws and Regulations shall be followed. Asbestos containing materials and lead based paint are present in the existing facilities. The site is a known radon risk. Radon mitigation will be required.

Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facilities Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.

11. REQUIREMENT: 151,503 SF ADQT: 0 SF SUBSTD: 115,503 SF

PROJECT:

This project renovates an elementary school by upgrading and adding to the existing school and associated support facilities.

REQUIREMENT:

The elementary school is required to provide adequate academic facilities for 850 students in grades Pre-Kindergarten through 5th grade. The school population is based on the projected enrollment for the 2022/2023 school year.

This project is not sited in a 100-year flood plain.

CURRENT SITUATION:

The current elementary school main building was originally constructed in 1987 and is in poor condition. Two additional buildings, a kindergarten and a gymnasium were added in 1989. A modular building was built in 2000 as a temporary structure and has outlived its useful life; it is in failing condition. A three story classroom building was constructed in 2001. The aged facilities are not adequate to support the current school population and do not meet 21st

1. COMPONENT DoDEA	**FY 2019 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEBRUARY 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
CAMP McTUREOUS, MARINE CORPS BASE BUTLER URUMA CITY, OKINAWA, JAPAN	BECHTEL ELEMENTARY SCHOOL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73061	PA00106	94,851

Century Education Facilities specifications and other codes. The existing school facility does not have a fire suppression system except for the newest building, which currently has a Japanese fire suppression system that does not meet US standards. Existing telecommunications rooms and infrastructure are inadequate to support 21st Century technology requirements. Many building systems are outdated, failing, and in need of repair or replacement such as electrical branch circuits, casework, ceiling finishes, emergency and exit lights, interior and exterior doors, exterior windows, fire alarm, floor finishes, lighting, plumbing fixtures and piping specialties, and heating, ventilation and air conditioning systems.

IMPACT IF NOT PROVIDED:

The substandard environment will continue to hamper the educational process and the elementary school will not be able to support the curriculum and provide for a safe facility. The current facilities are undersized and do not meet the functional teaching space requirements for the current and future student population. The required maintenance and repair of expired and failing systems will continue to strain maintenance capabilities and budgets if facility is the not upgraded.

12. Supplemental Data:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design/Bid/Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	MAR 2017
(b) Percent of Design Completed as of January 2018:	15%
(c) Design or RFP Complete:	FEB 2019
(d) Total Design Cost ($000):	9,544
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Standard or definitive design used:	No
(3) Construction Data:	
(a) Contract Award:	JUL 2019
(b) Construction Start:	AUG 2019
(c) Construction Complete:	APR 2022

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Furnishings	O&M	2022	978
Kitchen	O&M	2022	638
IT	O&M	2022	1,508
Education Supplies	O&M	2022	1,624
Safety Equipment	O&M	2022	10
Security Equipment	O&M	2022	97

JOINT USE CERTIFICATION:

This facility can be used by other components on an “as available” basis; however, the scope of the project is based on DoDEA requirements.

DoDEA POC (571) 372-1405

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. Date
DoDEA		FEBRUARY 2018

3. Installation and Location	4. COMMAND	5. AREA CONSTRUC-TION COST INDEX
COMMANDER FLEET ACTIVITIES (CFA), YOKOSUKA, JAPAN	DoDEA	2.09

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 2017						611				611
b. END FY 2022						673				673

7. INVENTORY DATA ($000)

TOTAL ACREAGE …….	0
INVENTORY TOTAL AS OF ……	0
AUTHORIZATION NOT YET IN INVENTORY……..	0
AUTHORIZATION REQUESTED IN THIS PROGRAM……..	170,386
AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM……	0
PLANNED IN NEXT THREE PROGRAM YEARS……	0
REMAINING DEFICIENCY……	0
GRAND TOTAL……..	170,386

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
73061	Kinnick High School	166,100 SF	170,386	Apr 2016	Jul 2018

9. FUTURE PROJECTS

a. INCLUDED IN FOLLOWING PROGRAM

None

b. PLANNED IN NEXT THREE YEARS

None

10. MISSION OR MAJOR FUNCTIONS

Military Dependent Education

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

None

1. COMPONENT DoDEA	**FY 2019 MILITARY CONSTRUCTION PROJECT DATA**	2. Date FEBRUARY 2018
3. INSTALLATION AND LOCATION COMMANDER FLEET ACTIVITIES (CFA), YOKOSUKA, JAPAN	4. PROJECT TITLE: KINNICK HIGH SCHOOL	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73061	PA00109	170,386

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**109,056**
HIGH SCHOOL (73061)	SF	163,000	627.50	102,282
FIELD HOUSE (44220)	SF	3,100	370.00	1,147
SDD AND FEDERAL ENERGY ACTS COMPLIANCE	LS			1,307
ANTITERRORISM (AT/FP) MEASURES	LS			3,502
CYBERSECURITY MEASURES	LS			818
SUPPORTING FACILITIES				**43,009**
SPECIAL FOUNDATION FEATURES	LS			7,293
ELECTRICAL/GAS UTILITIES	LS			7,842
COMMUNICATION UTILITIES	LS			1,596
WATER/SEWER UTILITIES	LS			5,377
SITE PREPARATION	LS			4,110
SITE IMPROVEMENTS	LS			14,586
AT/FP	LS			509
DEMOLITION	LS			738
ENVIRONMENTAL MITIGATION	LS			958
ESTIMATED CONTRACT COST (sum of primary and supporting)				**152,067**
CONTINGENCY PERCENT (5%)				7,603
SUBTOTAL				**159,668**
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				10,378
ENGINEERING DURING CONSTRUCTION				340
TOTAL REQUEST ROUNDED				**170,386**
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				**4,668**

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a four story high school with functional areas containing neighborhood instructional spaces, special education spaces, staff collaboration spaces, commons area, performance space, information center, physical education, art room, music room, science labs, career technical education labs, junior reserved officer's training corps, administration suite, health suite, guidance counseling suite, special education suite, food service, janitorial workroom, maintenance support, school supply/storage area, technology service center, and other required areas for a fully functioning high school. Typical construction is anticipated to consist of concrete beam and pile foundation, concrete and structural steel frame, and concrete exterior walls. Interior construction will consist of gypsum wallboard partitions, operable/movable partition walls, and reinforced concrete walls.

Department of Defense (DoD) and Department of Defense Education Activity (DoDEA) principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.

This project will provide Anti-Terrorism/Force Protection (AT/FP) features, including design for progressive collapse and blast-rated windows and doors, and comply with AT/FP regulations, and physical security mitigation in accordance with DoD Minimum Anti-Terrorism Standards for Buildings.

Facilities will be designed to provide cyber security engineering and validation as specified in DoD Unified Facilities

1. COMPONENT DoDEA	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEBRUARY 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
COMMANDER FLEET ACTIVITIES (CFA), YOKOSUKA, JAPAN	KINNICK HIGH SCHOOL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73061	PA00109	170,386

Criteria.

The project site is on reclaimed land with dredged fill and the project will require deep concrete pile foundations as a special foundation feature due to the un-compacted or non-uniform nature of the underlying soils

The project includes related infrastructure such as water, sewer, steam, electrical, telephone, local area network, community access television systems, provisions for interior and campus wireless access. The project includes site preparation that includes non-building demolition and site improvements such as signage, fencing, paving, landscaping, covered walkways, canopies, exterior lighting, storm water, external AT/FP, pedestrian crosswalks, outdoor play areas, and athletic fields.

Demolition includes approximately 45,000 SF of existing facilities.

The project will require environmental mitigation for all buildings to be demolished, including asbestos removal. U.S. Federal and Japanese Environmental Laws and Regulations will be followed. Part of the site is on reclaimed land area with Tokyo Bay dredge fill material known as Briggs Bay. Soil contamination levels were determined to be acceptable with the implementation of risk management procedures during construction. Environmental mitigation will be required during construction to monitor, contain and remediate the soils.

Facilities will be designed in accordance with DoDEA Education Facilities Specifications, Unified Facilities Criteria, Japan Environmental Governing Standards, Standards of Seismic Safety for Federally Owned Buildings, and energy and water conservation standards.

Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facilities Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.

11. REQUIREMENT: 166,100 SF ADQT: 0 SF SUBSTD: 20,000 SF

PROJECT:

This project constructs a new high school by replacing the existing high school and associated support facilities.

REQUIREMENT:

The high school is required to provide adequate academic facilities for 673 students in grades 9 through 12. School population based on the projected enrollment for 2022/2023 school year.

This project is not sited in a 100-year flood plain.

CURRENT SITUATION:

The current high school was originally constructed in 1989. A temporary building was built in 1996 to provide 12 additional classrooms. The school has a poor facility condition rating; it is more economical to replace than to repair. The following systems are expired or are failing and in need of replacement; fire alarm and suppression, electrical power and telecommunication, heating ventilation and air-conditioning, steam heating, plumbing piping, toilet fixtures, wall finishes, floor finishes, door hardware, and windows. The facility does not meet the DoDEA Education Facilities Specifications to include a bus drop off and pick up area, a parent drop off and pick up area, and adequate parking due to a tight site that does not provide room for expansion. The school lacks outdoor athletic facilities and currently utilizes the installation facilities when available, and also rents off-base sports fields. The facility does not meet current Antiterrorism measures, accessibility requirements, fire protection codes, and current federal energy and

1. COMPONENT DoDEA	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEBRUARY 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
COMMANDER FLEET ACTIVITIES (CFA), YOKOSUKA, JAPAN	KINNICK HIGH SCHOOL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	73061	PA00109	170,386

sustainability mandates. Additionally, the existing school campus is in the middle of the Yokosuka Naval Base community support area and is not in accordance with the Yokosuka Naval Base Master Plan.

IMPACT IF NOT PROVIDED:

The substandard environment will continue to hamper the educational process and the high school will not be able to support the DoDEA curriculum and provide for a safe facility. The required maintenance and repair of expired and failing systems will continue to strain maintenance capabilities and budgets.

12. Supplemental Data:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design/Bid/Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	APR 2016
(b) Percent of Design Completed as of January 2018:	35%
(c) Design or RFP Complete:	JUL 2018
(d) Total Design Cost:	10,966
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Standard or definitive design used:	No
(3) Construction Data:	
(a) Contract Award:	AUG 2019
(b) Construction Start:	OCT 2019
(c) Construction Complete:	OCT 2022

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

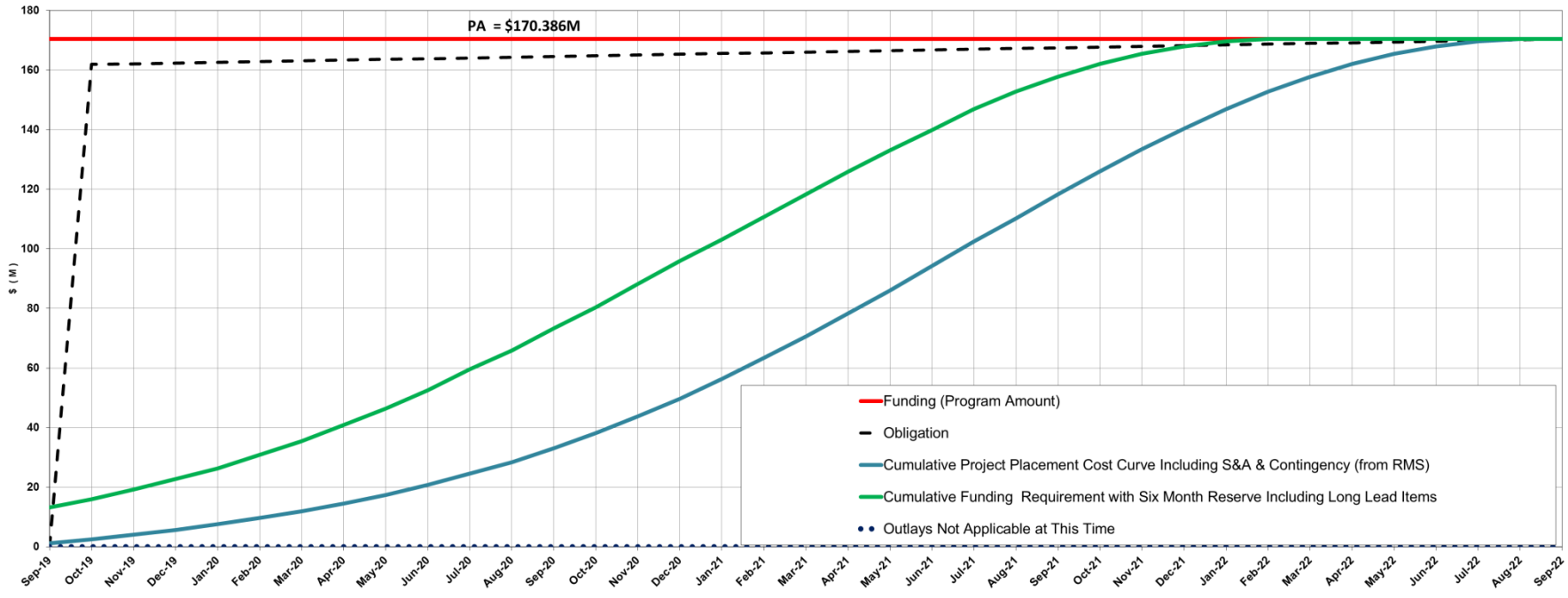
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Furnishings	O&M	2022	774
Kitchen	O&M	2022	505
IT	O&M	2022	1,461
Education Supplies	O&M	2022	1,841
Safety Equipment	O&M	2022	10
Security Equipment	O&M	2022	77

JOINT USE CERTIFICATION:

This facility can be used by other components on an “as available” basis; however, the scope of the project is based on DoDEA requirements.

DoDEA POC (571) 372-1405

Kinnick High School, Commander Fleet Activites Yokosuka, Japan - Work In Progress (WIP) Curve



Missile Defense Agency
FY 2019 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Auth Request	Approp Request	New/ Current Mission	Page No.
Alaska				
Clear Air Force Station (AFS)				
Long Range Discrimination Radar System Complex, Phase 2	174,000	174,000	N	101
Fort Greely				
Missile Field #1 Expansion	8,000	8,000	C	106
Total	**182,000**	**182,000**		

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MDA		Feb 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR. COST INDEX
Clear AFS, Alaska	Missile Defense Agency	2.53

6. PERSONNEL

STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
N/A: Tenant of U.S. Air Force										

7. INVENTORY DATA ($000)

A. TOTAL ACERAGE	.....	N/A
B. INVENTORY TOTAL AS OF	.....	N/A
C. AUTHORIZATION NOT YET IN INVENTORY	.....	155,000
D. AUTHORIZATION REQUESTED IN THE FY2018	.....	0
E. AUTHORIZATION REQUESTED IN THE FY2019	.....	174,000
F. PLANNED IN NEXT THREE PROGRAM YEARS	.....	0
G. REMAINING DEFICIENCY	.....	0
H. GRAND TOTAL.	.....	329,000

8. PROJECTS REQUESTED IN THE FY2019 PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
8111	Long Range Discrimination Radar System Complex, Phase 2	28.0MW	174,000	Jan 15	Oct 18

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)

10. MISSION OR MAJOR FUNCTIONS: The mission of the Missile Defense Agency (MDA) is to develop and field an integrated, layered Ballistic Missile Defense System (BMDS) to defend the United States, our deployed forces, allies, and friends against all ranges of enemy ballistic missiles in all phases of flight. The Long Range Discrimination Radar project is required for deployment of a new midcourse tracking radar that will provide persistent coverage and improve discrimination capabilities against threats to the homeland from the Pacific theater. Phase 2 provides dedicated shielded power generation to improve survivability and reliability, availability, and maintainability (RAM) requirements supporting a midcourse BMDS discrimination capability to defend the United States from ballistic missile attacks and meet the 2020 MDA Enhanced Homeland Defense Capability.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

A. Air Pollution:	N/A
B. Water pollution:	N/A
C. Occupational safety and health (OSH):	N/A

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MDA		Feb 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Clear AFS, Alaska	Long Range Discrimination Radar System Complex, Phase 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0604873C	8111	MDA 659	174,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST $(000)
PRIMARY FACILITIES				147,554
Mission Power Plant (811147)	KW	28,000	4,428.71	(124,004)
Special Construction	LS			(12,400)
Fuel Storage (411134)	GA	200,000	32.27	(6,453)
Maintenance Facility (219944)	SF	10,000	338.40	(3,384)
Antiterrorism/Force Protection	LS			(969)
Security Infrastructure/ESS (872841)	LS			(344)
SUPPORTING FACILITIES				8,046
Electric Service	LS			(1,739)
Water, Sewer	LS			(1,109)
Site Improvements	LS			(4,092)
Information/Communication Systems	LS			(1,006)
Temporary Infrastructure Mob/Demob	LS			(100)
SUBTOTAL				155,600
CONTINGENCY (5.00%)				7,780
TOTAL CONTRACT COST				163,380
SIOH (6.50%)				10,620
TOTAL REQUEST				174,000
TOTAL ROUNDED REQUEST				174,000
INSTALLED EQUIPMENT-OTHER APPROP				(20,734)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: This project constructs a Long Range Discrimination Radar (LRDR) Mission power plant at Clear AFS, Alaska supporting the LRDR System Complex. These facilities will be within the LRDR System Security Level A (SSL-A) secure boundary.

Special Construction includes High Altitude Electromagnetic Pulse (HEMP)/Electro-Magnetic Interference (EMI) shielding in accordance with MIL-STD-188-125, integration and testing of power and all LRDR Complex shielded assets. Mission critical facilities will include features to meet site specific ground motion and seismic requirements.

Fuel storage includes distribution piping, liquid fuel offloading stand and storage tanks.

The maintenance facility will provide general work bench space for maintenance of radar system components and other mission support activities. It will also provide shipping and receiving and warehouse space for general facility material.

Anti-terrorism / force protection infrastructure will consist of fencing and gates.

Security Infrastructure / electronic security system (ESS) will include fire protection and alarm systems.

Supporting facilities include electrical medium voltage distribution from the substation to the mission power plant, lightning protection and equipment grounding, water, and sewer.

Site improvements include clearing, grubbing, grading, demolition, paving, walks and storm drainage.

Information and Communications systems will include communication transmission lines, cybersecurity, and information management systems.

Temporary infrastructure will support site improvements and preparation for construction. Improvements include temporary roads, construction free zone site fence, mobilization and demobilization.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MDA		Feb 2018

3. INSTALLATION AND LOCATION
Clear AFS, Alaska

4. PROJECT TITLE	5. PROJECT NUMBER
Long Range Discrimination Radar System Complex, Phase 2	MDA 659

11. REQUIRED: 28.0MW ADEQUATE: NONE SUBSTANDARD: NONE

PROJECT: Construct a new Long Range Missile Defense Radar System Complex mission power plant and on-site maintenance facility supporting the LRDR. (New Mission)

REQUIREMENT: This project is required to construct dedicated shielded (N+1) power generation to improve survivability and reliability, availability, and maintainability (RAM) requirements supporting a midcourse Ballistic Missile Defense System (BMDS) discrimination capability to defend the United States from ballistic missile attacks and meet the requirements of the Ground-based Midcourse Defense program's Homeland Defense Capability and the LRDR program's requirement to complete initial fielding in 2020. When complete, this radar will function as part of the BMDS and be functionally capable through the MDA Command, Control, Battle Management and Communications (C2BMC) system. In addition, Air Force Space Command envisions using LRDR’s inherent space situational awareness capabilities to augment the Space Surveillance Network. Due to the limited construction season in Alaska and the urgency of the requirement, the Department requires both full authorization and appropriation of these funds in FY 19.

CURRENT SITUATION: The LRDR will operate from the existing commercial power grid at initial operational capability. No dedicated mission power is available to meet the operational survivability requirement, mission readiness and capability of the LRDR Complex in performing missile defense sensor operations.

IMPACT IF NOT PROVIDED: Dedicated backup mission power will not be available for the enhanced midcourse sensor discrimination capability and the BMDS may be degraded against expected threats in 2020 and beyond.

ADDITIONAL INFORMATION: This project has been evaluated for compliance with Executive Orders 11988 Flood Plain Management and 11990 Protection of Wetlands and the Flood Plain Management Guidelines of U.S. Water Resources Council. The Project is not sited in the 100-year flood plain and will be sited to preserve and enhance the natural and beneficial values of wetlands; and minimize the destruction, loss or degradation of wetlands.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MDA		Feb 2018

3. INSTALLATION AND LOCATION
Clear AFS, Alaska

4. PROJECT TITLE	5. PROJECT NUMBER
Long Range Discrimination Radar System Complex, Phase 2	MDA 659

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data

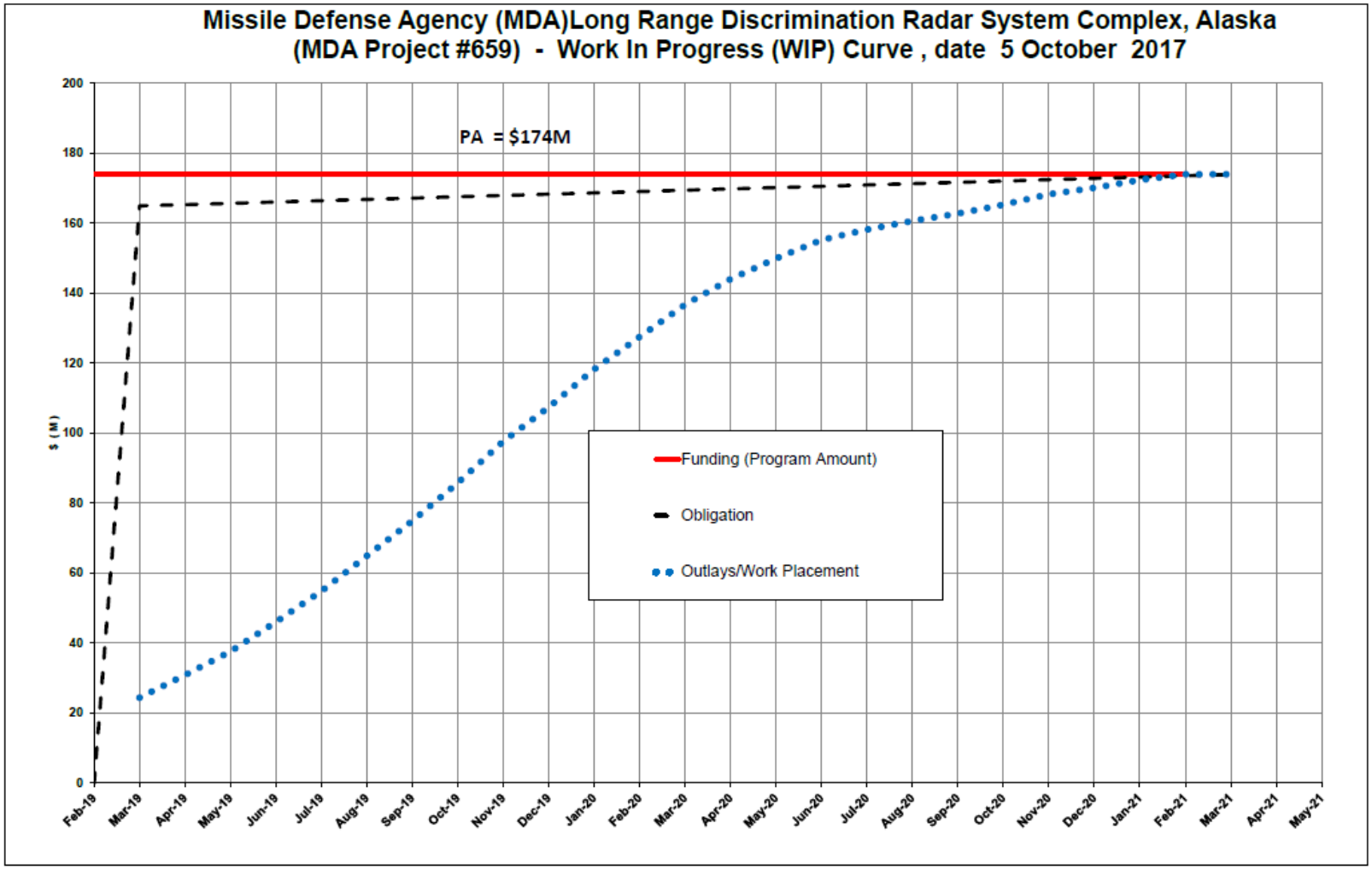
(1) Acquisition Strategy:	Design-Bid-Build
(2) Design Data	
(a) Design or Request for Proposal (RFP) Started:	Jan 2015
(b) Percent Complete As Of January 2018	65%
(c) Design or RFP Complete:	Oct 2018
(d) Total Design Cost:	15,100,000
(e) Energy Study and/or Life Cycle Analysis performed	No
(f) Standard or definitive design used?	No
(3) Construction Data:	
(a) Contract Award	Mar 2019
(b) Construction Start	Jun 2019
(c) Construction Completion	Dec 2021

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

Equipment Nomenclature	Appropriation	FY Appropriated or Requested	Cost $(000)
Site Activation	RDT&E	FY17-FY21	20,669
Security Equipment	RDT&E	FY17-FY21	65
		TOTAL:	20,734

Research, Development, Test & Evaluation (RDT&E) funds are programmed for site activation to provide operations services & support throughout construction, installation and checkout. These services include lodging, dining, and security. Installed equipment includes special flooring, electronic controls to monitor electrical systems and the base infrastructure.

US Army Corps of Engineers



1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MDA		Feb 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR. COST INDEX
Fort Greely, Alaska	Missile Defense Agency	2.51

6. PERSONNEL

STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
N/A: Tenant of U.S. Army										

7. INVENTORY DATA ($000)

A. TOTAL ACERAGE	.....	N/A
B. INVENTORY TOTAL AS OF	.....	N/A
C. AUTHORIZATION NOT YET IN INVENTORY	.....	9,560
D. AUTHORIZATION REQUESTED IN THE FY2018	.....	200,000
E. AUTHORIZATION REQUESTED IN THE FY2019	.....	8,000
F. PLANNED IN NEXT THREE PROGRAM YEARS	.....	0
G. REMAINING DEFICIENCY	.....	0
H. GRAND TOTAL.	.....	217,560

8. PROJECTS REQUESTED IN THE FY2019 PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
8222	Missile Field #1 Expansion	2,430 LF	8,000	Apr 18	Nov 18

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)

10. MISSION OR MAJOR FUNCTIONS: The mission of the Missile Defense Agency (MDA) is to develop and field an integrated, layered Ballistic Missile Defense System (BMDS) to defend the United States, our deployed forces, allies, and friends against all ranges of enemy ballistic missiles in all phases of flight. The Missile Field #1 expansion project will provide the BMDS with increased ground-based interceptor (GBI) capabilities, to allow operational capability of 44 GBIs to be continuous during GBI maintenance activities. Planned enhancements and capabilities of the BMDS will ensure spare silos and GBIs are available to meet emerging threats and enhance our Nation's homeland defense.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

A. Air Pollution:	N/A
B. Water pollution:	N/A
C. Occupational safety and health (OSH):	N/A

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MDA		Feb 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Fort Greely, Alaska	Missile Field #1 Expansion

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0603882C	82221	MDA 679	8,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				5,246
Chilled Water Line Extensions (82221)	LF	2,430	1,164	(2,828)
Silo Infrastructure Modifications (14951)	EA	2	122,000	(244)
Site Communications, Security Features	LS			(2,174)
SUPPORTING FACILITIES				1,930
Electrical Services	LS			(1,189)
Chilled Water System Modifications	LS			(479)
Grounding/Temporary Power	LS			(85)
Paving	LS			(109)
Site Demo	LS			(4)
Other (Mob/Demob)	LS			(64)
SUBTOTAL				7,176
CONTINGENCY PERCENT (5.0%)				359
TOTAL CONTRACT COST				7,535
SIOH (6.5 %)				490
TOTAL REQUEST				8,025
TOTAL REQUEST ROUNDED				8,000
INSTALLED EQPT-OTHER APPROPRIATIONS				(139,000)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct Missile Field #1 (MF#1) expansion to include completing an additional 2 ground-based interceptor (GBI) launch facilities, and supporting utilities infrastructure in support of the Ballistic Missile Defense System (BMDS) at Fort Greely, AK.

Existing silo infrastructure in MF#1 includes 14 unfinished and isolated silo shafts with liners. This project will construct chilled water line extensions from the existing utilidor (trunk line) piping to two of the unfinished silos.

Additional silo infrastructure modifications will excavate, construct slabs, and backfill the openings for two new Silo Interface Vaults (SIVs) for launch equipment required to make the silos operational.

This project will install new communication and security conduits for fiber optic cabling and security monitoring from existing manholes to the SIV/Silos.

Supporting facilities will include installing electrical utilities from the duct banks to the SIVs.

This project will include modifications to the chilled water system pumping capacity and to the demineralized/chilled water piping bundles consisting of carrier pipes within containment pipes in the Mechanical Electrical Building (MEB) to accommodate the two additional SIVs. This project will extend High Altitude Electromagnetic Pulse (HEMP) protected power to the SIV and HEMP modifications to the MEB to facilitate chiller system modifications.

Site work will include repairing SIV grounding systems, providing temporary power to the SIV, new paving around the SIVs, and site demolition.

Mobilization/Demobilization will consist of establishing a segregated construction laydown area and temporary environmental controls.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MDA		Feb 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Fort Greely, Alaska	Missile Field #1 Expansion

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0603882C	82221	MDA 679	8,000

11. REQUIREMENT: 2,430 LF ADQT: 0 LF SUBSTD: None

PROJECT: Expand MF #1 to accommodate two additional GBIs, including site work, utilities, power and supporting infrastructure. (Current Mission)

REQUIREMENT: This project is required to provide the BMDS with increased GBI capabilities, to allow operational capability of 44 GBIs to be continuous during GBI maintenance activities. As adversaries continue to pursue credible and advanced capabilities, the U.S. must evolve its missile defense capabilities to outpace increasingly complex threats. Operational capability of the 6 existing GBIs at MF #1 will be maintained during upgrade activities. Due to the limited construction season in Alaska and the urgency of the requirement, the Department requests this project in FY 2019.

CURRENT SITUATION: The United States has 44 operational GBIs distributed between three missile fields at Fort Greely, Alaska and one missile field at Vandenberg AFB, CA. The existing situation is that no spare silos and GBIs are available to maintain the required 44 operational while GBI and Silo maintenance activities are performed. The completion of the FY 2018 MF #4 project will increase GBI availability to 64.

IMPACT IF NOT PROVIDED: Planned enhancements and capabilities of the BMDS to meet emerging threats will not be available for our Nation’s homeland defense.

ADDITIONAL INFORMATION: This project has been evaluated for compliance with Executive Orders 11988 Flood Plain Management and 11990 Protection of Wetlands and the Flood Plain Management Guidelines of U.S. Water Resources Council. The Project is not sited in the 100-year flood plain and will be sited to preserve and enhance the natural and beneficial values of wetlands; and minimize the destruction, loss or degradation of wetlands.

This project is being coordinated with the installation physical security plan and required physical security and/or combating terrorism (CBT/T) measures are being included. All required NEPA analyses will be completed prior to the start of construction.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data	
(1) Acquisition Strategy:	Design-Bid-Build
(2) Design Data	
(a) Design or request for Proposal (RFP) Started:	Apr 2018
(b) Percent Complete As Of January 2018	0%
(c) Design or RFP Complete:	Nov 2018
(d) Total Design Cost:	800,000
(e) Energy Study and/or Life Cycle Analysis performed	No
(f) Standard or definitive design used?	Yes
(3) Construction Data:	
(a) Contract Award	Mar 2019
(b) Construction Start	Jun 2019
(c) Construction Completion	Aug 2020

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MDA		Feb 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Fort Greely, Alaska	Missile Field #1 Expansion

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0603882C	82221	MDA 679	8,000

12. SUPPLEMENTAL DATA: (cont.)

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

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost $(000)
GBI Launch Support Equipment	RDT&E	FY18	70,000
GBI Launch Support Equipment	RDT&E	FY19	1,000
GBI Launch Support Equipment	RDT&E	FY20	5,000
GBI Launch Support Equipment	RDT&E	FY21	5,000
		Total RDT&E:	81,000
Procure, Install, and Test SIV/Silos	Procurement	FY19	58,000
		Total Procurement:	58,000
		Total:	139,000

National Geospatial-Intelligence Agency
FY 2019 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	New/ Approp. Request	Current Mission	Page No.
Missouri				
Saint Louis				
Next NGA West (N2W) Complex, Phase 1 Increment 2	-	213,600	C	111
Next NGA West (N2W) Complex, Phase 2 Increment 1	447,800	110,000	C	116
Total	**447,800**	**323,600**		

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. DATE *(YYYYMMDD)*
DEF (NGA)		February 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONTRUCTION COST INDEX
St. Louis, Missouri	NGA	1.03

6. PERSONNEL ///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

7. INVENTORY DATA *($000)*

a. TOTAL ACREAGE	97.20
b. INVENTORY TOTAL AS OF 2018	801.00
c. AUTHORIZATION NOT YET IN INVENTORY	175,000.00
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	323,600.00
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	337,800.00
f. PLANNED IN NEXT THREE PROGRAM YEARS	0.00
g. REMAINING DEFICIENCY	0.00
h. GRAND TOTAL	837,201.00

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
141-456	Next NGA West (N2W) Complex, Ph 1 Increment 2	a. 286,300 SF Occupied Bldgs. b. 496,125 SF Pkg. Structure	213,600	Mar 2019	Dec 2019
141-456	Next NGA West (N2W) Complex, Ph 2 Increment 1	a. 481,300 SF Occupied Bldgs. b. 496,125 SF Pkg. Structure	110,000	Jan 2020	Aug 2020

9. FUTURE PROJECTS

Next NGA West (N2W) Complex, Ph 2, Increment 2 (FY 2020)	337,800

10. MISSION OR MAJOR FUNCTIONS

National Geospatial-Intelligence Agency (NGA) is a defense combat support agency that provides geospatial-intelligence (GEOINT) functional management, intelligence products, and services to the Intelligence Community (IC), DOD, and other federal entities in support of national security objectives.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. Air Pollution	0
B. Water Pollution	0
C. Occupational Safety and Health	0

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE *(YYYYMMDD)*	REPORTCONTROL SYMBOL
NGA		February 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION		4. PROJECT TITLE	
St. Louis, Missouri		Next NGA West (N2W) Complex, Ph. 1 Increment 2	
5. PROGRAM ELEMENT	**6. CATEGORY CODE**	**7. PROJECT NUMBER**	**8. PROJECT COST** *($000)*
	141-56	NGA-016A	$213,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST *($000)*
PRIMARY FACILITIES				**246,435**
Main Operations Building (141456)	SF	248,300	569.73	(141,464)
Central Utilities Plant (821114)	SF	38,000	1,205.73	(45,818)
Access Control Point (730837)	EA	2	997,281.54	(1,995)
Structured Parking (853101)	SF	496,125	61.75	(30,636)
Special Foundations	LS	1		(12,635)
Antiterrorism Measures	LS	1		(8,835)
Sustainability and Energy Features	LS	1		(2,137)
Building Commissioning	LS	1		(2,915)
SUPPORTING FACILITIES				**86,423**
Electric Service	LS	1		(46,030)
Water, Sewer, and Gas	LS	1		(6,255)
Steam and Chilled Water System	LS	1		(2,198)
Paving, Walks, Curbs and Gutters	LS	1		(6,386)
Storm Drainage	LS	1		(2,237)
Site Improvements	LS	1		(19,295)
Off-Site Improvements	LS	1		(663)
Information Systems	LS	1		(2,811)
Antiterrorism Measures	LS	1		(548)
ESTIMATED CONTRACT COST				**332,858**
Contingency (5.0%)				16,643
SUBTOTAL				**349,501**
SIOH (5.7%)				19,922
Design/Build – Design Cost (4.0%)				13,980
Engineering During Construction (EDC) (1.5%)				5,243
TOTAL REQUEST				**388,646**
TOTAL REQUEST (Rounded)				**388,600**
Equipment from other appropriations				320,397

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST *($000)*
	141-56	NGA-016A	$213,600

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construct Phase 1 of the Next NGA West (N2W) Complex on property provided by the City of St. Louis, MO to the Department of Defense. This project will construct slightly less than half the total scope needed to completely replace NGA's compound on South Second Street in St. Louis. This project will include approximately one-third of the Main Operations Building (MOB) requirement, a Central Utility Plant (CUP), two access control points, and structured parking.

The MOB will include open office seating, a police center, analyst/planner collaboration areas, joint staff offices, executive offices, meeting rooms, machine rooms, mail room, and storage space. The MOB will be built to Sensitive Compartmented Information Facility (SCIF) standards and contain elevators, raised access flooring, TEMPEST shielding, resilient primary power and Uninterruptable Power Supply (UPS) systems to ensure continuity of operations.

The CUP will be sized to support both Phase 1 and Phase 2 requirements, but only include the mechanical equipment for the MOB sized in this project.

Each vehicle/pedestrian ACP includes necessary features such as traffic control features, gatehouse, guard booths and over-watch position.

Structured parking will include a garage with enough space to support approximately half the final population of the N2W complex.

Special foundations include drilled shafts and shear walls.

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.

Site preparation includes standard clearing and grubbing, cut and fill, grading, and environmental protection structures.

Utilities infrastructure will include primary electrical service, water, sewer, gas, steam and chilled water, off-site connection/services from utility providers, secure telecommunications, building information systems, standby generators, and fuel oil system and storage.

Site improvements will consist of surface parking for the VCC, storm drainage, curb and gutter, walkways, patios, roads, and landscaping, as well as an integrated program management office.

Site antiterrorism measures will establish perimeter fence line and surveillance capabilities.

Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Energy Monitoring Control Systems (EMCS) will be integrated into the infrastructure. Low Impact Development will be included in the design and construction of this project as appropriate to include storm water management features.

Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE *(YYYYMMDD)*	REPORT CONTROL SYMBOL
NGA		February 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
St. Louis, Missouri	Next NGA West (N2W) Complex, Ph. 1 Increment 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST *($000)*
	141-56	NGA-016A	$213,600

11. REQUIREMENT: 767,600 SF **ADEQUATE:** 0 SF **SUBSTANDARD:** 907,872 SF
*Above amounts account for occupied facilities only.

PROJECT: Construct new intelligence complex to replace NGA's St. Louis Second Street compound. (Current Mission)

REQUIREMENT: The N2W complex is required to provide safe, secure, and efficient facilities that will meet NGA's long-term requirements and vision for Geospatial-Intelligence (GEOINT). An open and flexible work environment that is scalable, reconfigurable, and adaptable is required to support changing mission requirements. Mission critical systems and all associated equipment require the ability to operate from backup power source(s) without interrupting 100% of the estimated peak load requirements.

The complex will accommodate a total workforce of approximately 3,150 government personnel and contractors. Phase 1 (NGA-016A) will support approximately 1,100 personnel and Phase 2 (NGA-016B) will support approximately 2,050 personnel. The completed intelligence complex includes a Main Operations Building (MOB) with Central Utility Plant (CUP), Visitor Control Center (VCC), Remote Inspection Facility (RIF), Access Control Points (ACP), as well as structured and surface parking.

CURRENT SITUATION: The Second Street compound occupies approximately 908,000 square feet in fifteen separate buildings used for intelligence production, analysis, archival storage, training, administration offices, and maintenance shops. These buildings represent the oldest facilities in the Intelligence Community, where most of the primary facility was constructed in 1918 and has been expanded with additions in 1965 and 1986. In addition, the aged facilities do not comply with current building standards for seismic safety although it lies within the active New Madrid Seismic Zone, which has produced major earthquakes. These facilities have far exceeded their useful life, have a steadily growing maintenance backlog, and experience more frequent failures that are becoming more acute and disruptive to the mission.

Furthermore, the 27-acre compound is in an industrial area on the bank of the Mississippi River just south of downtown St. Louis. The site is surrounded by the Sigma-Aldrich Chemical Plant to the south, the Anheuser-Busch Brewery to the northwest, an active industrial rail yard to the northeast, and a rail line to the east running between the compound and the river. The constrained site requires NGA to lease land from both the chemical plant and brewery to provide approximately 600 additional parking spaces. Public transportation or other means of transportation is not available to support the assigned personnel. In addition, the site is incapable of meeting current security standards, much less the requirements necessary to protect an intelligence facility.

Due to NGA's consolidation into NGA Campus East (NCE) during BRAC 2005, there is now an increased reliance on the Second Street compound for continuity of operations; however the infrastructure at the compound was neither originally designed, nor is well-suited to support the dynamically correlated and adaptable intelligence data methods and services required of the GEOINT mission. It is becoming increasingly difficult and cost prohibitive to accommodate technology changes in existing facilities that are more suitable to a flexible and adaptable multi- purpose office environment.

IMPACT IF NOT PROVIDED: Intelligence operations will continue to be performed out of substandard and inadequately protected facilities putting mission and personnel at risk. Increased investments will be required to maintain the existing facilities including upgrades to support technology changes. These conditions will persist and continue to worsen until the Phase 1 and Phase 2 replacement facilities are fully operational in the 2023 timeframe.

JOINT USE CERTIFICATION: NGA considers that this project and the selected site have the potential for joint use; however, the scopes for Phase 1 and Phase 2 of the N2W complex only fund and support current mission requirements and partners. The site was selected with acreage sufficient to support future expansion of mission requirements beyond the funding requested for this project. Such expansion would allow mission partners with compatible or complimentary requirements to collocate with NGA.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE *(YYYYMMDD)*	REPORT CONTROL SYMBOL
NGA		February 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
St. Louis, Missouri	Next NGA West (N2W) Complex, Ph. 1 Increment 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST *($000)*
	141-56	NGA-016A	$213,600

12. SUPPLEMENTAL DATA:

a. Estimated Execution Data:

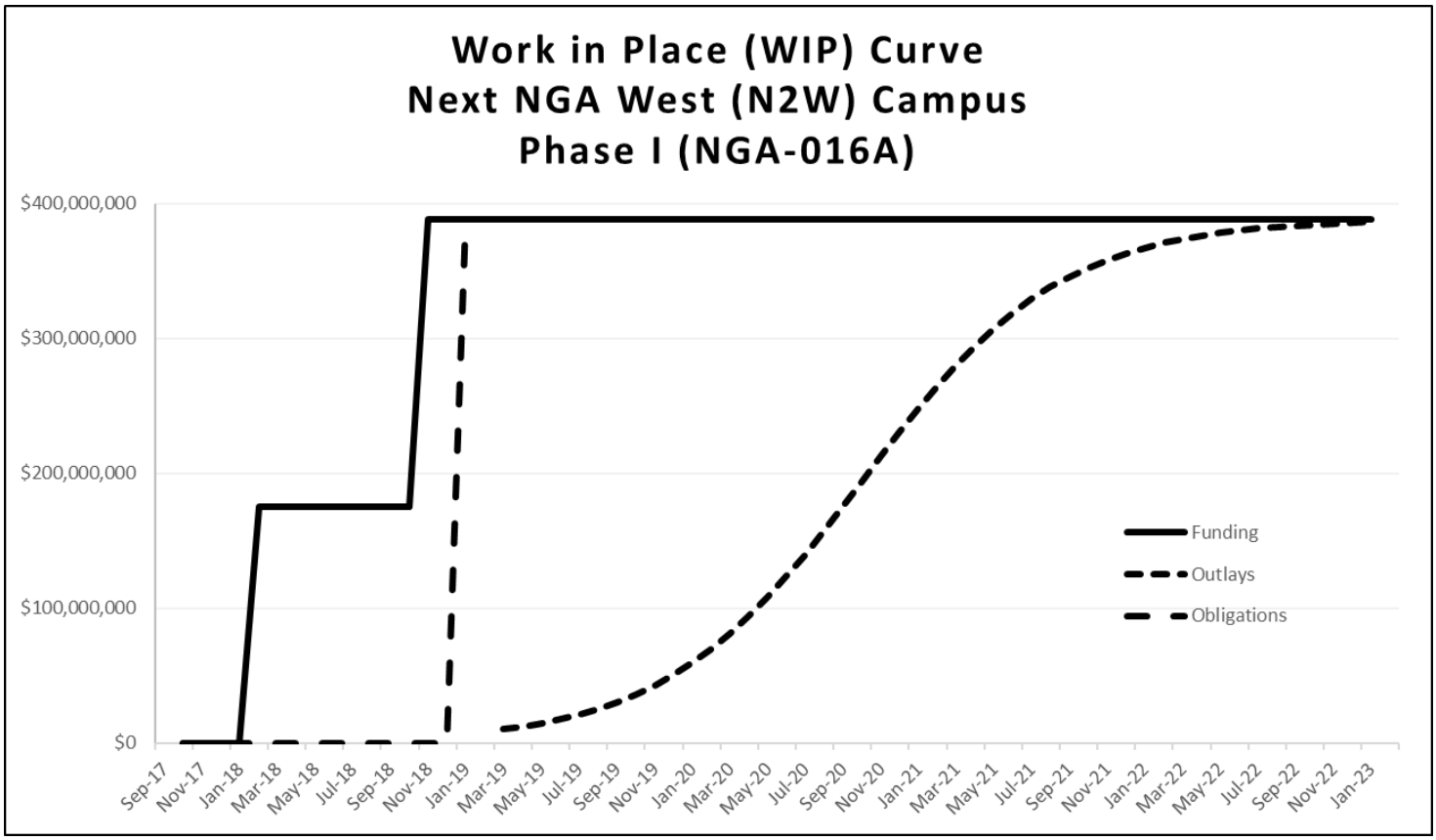
(1) Acquisition Strategy:	Design Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	SEP 2016
(b) Percent of Design Completed as of 1 JAN 2018	10%
(c) Design or RFP Complete:	MAR 2018
(d) Total Design Cost ($000):	20,240
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Standard or definitive design used?	Yes
(3) Construction Data:	
(a) Contract Award:	MAR 2019
(b) Construction Start:	SEP 2019
(c) Construction Complete:	FEB 2023

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
Security Management System Support	O&M, DW	2018	1,113
Security Management System Support	O&M, DW	2019	6,385
Security Management System Support	O&M, DW	2020	10,098
Security Management System Equipment	P, DW	2020	22,700
Security Management System Support	O&M, DW	2021	11,180
Security Management System Equipment	P, DW	2022	11,180
Communication Support	O&M, DW	2018	9,595
Communication Support	O&M, DW	2019	11,246
Communication Equipment	P, DW	2019	8,500
Communication Support	O&M, DW	2020	11,175
Communication Equipment	P, DW	2020	42,300
Communication Support	O&M, DW	2021	17,025
Communication Equipment	P, DW	2021	81,000
Communication Equipment	P, DW	2022	60,400
Furnishings, Fixtures, and Equipment	O&M, DW	2022	16,500

c. Funding Profile:

Authorizations	
FY 2018	$381,000,000
Cost Variation December 2017	$ 7,600,000
	$388,600,000
Appropriations	
FY 2018	$175,000,000
FY 2019	$213,600,000
	$388,600,000



1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE (YYYYMMDD)	REPORT CONTROL SYMBOL
NGA		February 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION		4. PROJECT TITLE	
St. Louis, Missouri		Next NGA West (N2W) Complex, Ph. 2 Increment 1	
5. PROGRAM ELEMENT	**6. CATEGORY CODE**	**7. PROJECT NUMBER**	**8. PROJECT COST** *($000)*
	141-56	NGA-016B	$110,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST *($000)*
PRIMARY FACILITIES				**352,248**
Main Operations Building (141456)	SF	464,500	574.84	(267,014)
Central Utilities Plant Built-in Equipment	LS	1		(6,834)
Visitor Control Center (730832)	SF	7,300	601.26	(4,389)
Remote Inspection Facility (422275)	SF	9,500	618.17	(5,873)
Structured Parking (853101)	SF	496,125	62.39	(30,955)
Special Foundations	LS	1		(16,414)
Antiterrorism Measures	LS	1		(12,603)
Sustainability and Energy Features	LS	1		(4,006)
Building Commissioning	LS	1		(4,160)
SUPPORTING FACILITIES				**31,301**
Steam and Chilled Water System	LS	1		(555)
Paving, Walks, Curbs and Gutters	LS	1		(8,336)
Site Improvements	LS	1		(12,178)
Information Systems	LS	1		(9,678)
Antiterrorism Measures	LS	1		(554)
ESTIMATED CONTRACT COST				**383,549**
Contingency (5.0%)				19,177
SUBTOTAL				**402,726**
SIOH (5.7%)				22,955
Design/Build – Design Cost (4.0%)				16,109
Engineering During Construction (EDC) (1.5%)				6,041
TOTAL REQUEST				**447,831**
TOTAL REQUEST (Rounded)				**447,800**
Equipment from other appropriations				236,557

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE *(YYYYMMDD)*	REPORT CONTROL SYMBOL
NGA		February 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
St. Louis, Missouri	Next NGA West (N2W) Complex, Ph. 2 Increment 1

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST *($000)*
	141-56	NGA-016B	$110,000

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Constructs Phase 2 of the Next NGA West (N2W) Complex which will completely replace NGA's current sub-standard facilities located on South Second Street in St. Louis. This project will construct the balance of the Main Operations Building (MOB) requirement, provide equipment for the Central Utility Plant (CUP), and construct a Visitor Control Center (VCC), a Remote Inspection Facility (RIF), and a structured parking garage.

The MOB will include open office seating, an operations center, analyst/planner collaboration areas, joint staff offices, executive offices, meeting rooms, machine rooms, and storage space. The MOB will be built to Sensitive Compartmented Information Facility (SCIF) standards and contain elevators, raised access flooring, TEMPEST shielding, resilient primary power and Uninterruptable Power Supply (UPS) systems to ensure continuity of operations.

The CUP built-in equipment provides the additional mechanical and electrical systems to support the MOB.

The VCC is a separate, stand-alone facility which supports overall access to the site.

The RIF will all deliveries to the site and will be remote from the MOB and CUP to address security requirements.

Structured parking will be a parking garage to fulfill parking requirements for the completed N2W complex.

Special foundations include drilled shafts and shear walls.

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.

Site preparation includes standard clearing and grubbing, cut and fill, grading, and environmental protection structures.

Utilities infrastructure will include steam and chilled water, secure telecommunications, and building information systems.

Site improvements will include storm drainage, curb and gutter, walkways, patios, roads, and landscaping.

Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Energy Monitoring Control Systems (EMCS) will be integrated into the infrastructure. Low Impact Development will be included in the design and construction of this project as appropriate to include storm water management features.

Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE *(YYYYMMDD)*	REPORT CONTROL SYMBOL
NGA		February 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
St. Louis, Missouri	Next NGA West (N2W) Complex, Ph. 2 Increment 1

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST *($000)*
	141-56	NGA-016B	$110,000

11. REQUIREMENT: 767,600 SF **ADEQUATE:** 0 SF **SUBSTANDARD:** 907,872 SF

PROJECT: Construct Phase 2 of the new intelligence complex including the Main Operations Building (MOB) and other supporting facilities to replace NGA's substandard facilities located at the St. Louis Arsenal (Second Street compound). (Current Mission)

REQUIREMENT: The N2W complex is required to provide safe, secure, and efficient facilities that will meet NGA's long-term requirements and vision for Geospatial-Intelligence (GEOINT). An open and flexible work environment that is scalable, reconfigurable, and adaptable is required to support changing mission requirements. Mission critical systems and all associated equipment require the ability to operate from backup power source(s) without interrupting 100% of the estimated peak load requirements.

The complex will accommodate a total workforce of approximately 3,150 government personnel and contractors. Phase 1 (FY 2018 NGA-016A) supported approximately 1,100 personnel and Phase 2 (NGA-016B) will support approximately 2,050 personnel. The completed intelligence complex includes a Main Operations Building (MOB) with Central Utility Plant (CUP), Visitor Control Center (VCC), Remote Inspection Facility (RIF), Access Control Points (ACP), as well as structured and surface parking.

CURRENT SITUATION: NGA occupies approximately 908,000 square feet in fifteen separate buildings used for intelligence production, analysis, archival storage, training, administration offices, and maintenance shops. These buildings represent the oldest facilities in the Intelligence Community, where most of the primary facility was constructed in 1918 and has been expanded with additions in 1965 and 1986. In addition, the aged facilities do not comply with current building standards for seismic safety although it lies within the active New Madrid Seismic Zone, which has produced major earthquakes. These facilities have far exceeded their useful life, have a steadily growing maintenance backlog, and experience more frequent failures that are becoming more acute and disruptive to the mission.

Furthermore, the 27-acre Second Street compound is in an industrial area on the bank of the Mississippi River just south of downtown St. Louis. The site is surrounded by the Sigma-Aldrich Chemical Plant to the south, the Anheuser-Busch Brewery to the northwest, an active industrial rail yard to the northeast, and a rail line to the east running between the compound and the river. The constrained site requires NGA to lease land from both the chemical plant and brewery to provide approximately 600 additional parking spaces. Public transportation or other means of transportation is not available to support the assigned personnel. In addition, the site is incapable of meeting current security standards, much less the requirements necessary to protect an intelligence facility.

Due to NGA's consolidation into NGA East during BRAC 2005, there is now an increased reliance on the Second Street compound for continuity of operations; however the infrastructure at the compound was neither originally designed, nor is well-suited to support the dynamically correlated and adaptable intelligence data methods and services required of the GEOINT mission. It is becoming increasingly difficult and cost prohibitive to accommodate technology changes in existing facilities that are more suitable to a flexible and adaptable multi-purpose office environment.

IMPACT IF NOT PROVIDED: Intelligence operations will be split between the new facilities constructed in Phase 1 and continue to be performed out of substandard and inadequately protected facilities putting mission and personnel at risk. Increased investments will be required to maintain the existing facilities including upgrades to support technology changes. These conditions will persist and continue to worsen until the Phase II replacement facilities are fully operational in the 2023 timeframe.

JOINT USE CERTIFICATION: NGA considers that this project and the selected site have the potential for joint use; however, the scopes for Phase 1 and Phase 2 of the N2W complex only fund and support current mission requirements and partners. The site was selected with acreage sufficient to support future expansion of mission requirements beyond the funding requested for this project. Such expansion would allow mission partners with compatible or complimentary requirements to collocate with NGA.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE *(YYYYMMDD)*	REPORT CONTROL SYMBOL
NGA		February 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
St. Louis, Missouri	Next NGA West (N2W) Complex, Ph. 2 Increment 1

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST *($000)*
	141-56	NGA-016B	$110,000

12. SUPPLEMENTAL DATA:

a. Estimated Execution Data:

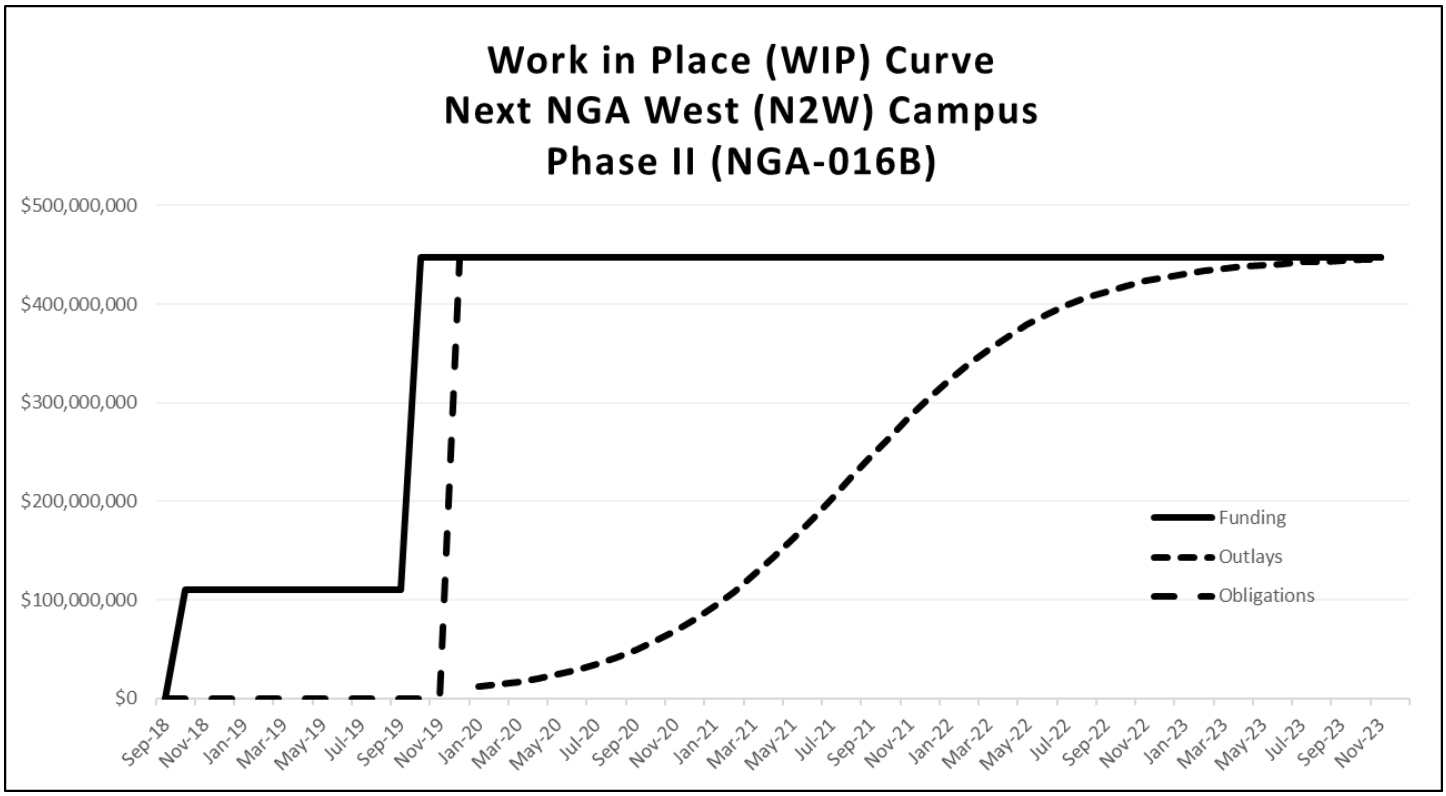
(1) Acquisition Strategy:	Design Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	SEP 2016
(b) Percent of Design Completed as of 1 JAN 2018	10%
(c) Design or RFP Complete:	MAR 2018
(d) Total Design Cost ($000):	23,760
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Standard or definitive design used?	Yes
(3) Construction Data:	
(a) Contract Award:	JAN 2020
(b) Construction Start:	JUL 2020
(c) Construction Complete:	DEC 2023

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
Security Management System Support	O&M, DW	2022	21,394
Security Management System Support	O&M, DW	2023	21,930
Security Management System Equipment	P, DW	2023	9,500
Security Management System Support	O&M, DW	2024	9,361
Security Management System Support	O&M, DW	2025	660
Communication Support	O&M, DW	2022	6,200
Communication Equipment	P, DW	2022	28,348
Communication Support	O&M, DW	2023	6,400
Communication Equipment	P, DW	2023	63,564
Communication Support	O&M, DW	2024	6,600
Communication Equipment	P, DW	2024	27,700
Communication Support	O&M, DW	2025	6,800
Communication Equipment	P, DW	2025	1,100
Furnishings, Fixtures, and Equipment	O&M, DW	2023	27,000

c. Funding Profile:

Authorizations	
FY 2019	$447,800,000
Appropriations	
FY 2019	$110,000,000
FY 2020	$337,800,000
	$447,800,000


Work in Place (WIP) Curve
Next NGA West (N2W) Campus
Phase II (NGA-016B)
$500,000,000
$400,000,000
$300,000,000
$200,000,000
$100,000,000
$0
Sep-18
Nov-18
Jan-19
Mar-19
May-19
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
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Mar-23
May-23
Jul-23
Sep-23
Nov-23
Funding
Outlays
Obligations

National Security Agency
FY 2019 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Maryland				
Ft. George G. Meade				
NSAW Recapitalization Building 2, Increment 4	-	218,000	C	123
National Security Agency				
Ft. George G. Meade				
NSAW Recapitalization Building 3, Increment 1	775,000	99,000	C	129
National Security Agency				
Ft. George G. Meade				
Mission Support Operations Warehouse Facility	30,000	30,000	C	132
Total	**805,000**	**347,000**		

1. COMPONENT	FY 19 MILITARY CONSTRUCTION PROGRAM	2. DATE (YYYY MMDD)
NSA/CSS Defense		February 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONTRUCTION COST INDEX
Ft. George G. Meade, Maryland	NSA/CSS	1.02

6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF Classified										0
b. END FY										0

7. INVENTORY DATA ($000)	
a. TOTAL ACREAGE	0
b. INVENTORY TOTAL AS OF	0.00
c. AUTHORIZATION NOT YET IN INVENTORY	0.00
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	805,000.00
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0.00
f. PLANNED IN NEXT THREE PROGRAM YEARS	1,114,556.00
g. REMAINING DEFICIENCY	0.00
h. GRAND TOTAL	1,919,556.00

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
141-62	NSAW Recapitalization Building #2, Increment 4 (FY19)	2,019,382 SF	218,000	May 2014	June 2016*
143-80	NSAW Recapitalization Building #3, Increment 1 (FY19)	2,068,678 SF	99,000	Sep 2017	Aug 2018
441-10	Mission Support Operations Warehouse Facility	44,000 SF	30,000	Jan 2018	Oct 2018

9. FUTURE PROJECTS

NSAW Recapitalization Building #3, Increment 2 (FY20)	$426,000K
NSAW Recapitalization Building #3, Increment 3 (FY21)	$250,000K
NSAW Archives Facility (FY21)	$98,000K
NSAW Mission Support Operations Facility (FY22)	$195,000K
NSAW Recapitalization Building #4, Increment 1 (FY22)	$154,000K
ACF/VCP5 (FY22)	$39,000K
NSAW Recapitalization Building #4, Increment 2 (FY23)	$348,556K

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 (SIGINT) and Information Assurance (IA) 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

None

Footnote:

*Construction Contract Award Date

DD FORM 1390, JUL 1999

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
NSA/CSS DEFENSE		February 2018

3. Installation and Location	4. Project Title
Ft. George G. Meade, Maryland	NSAW RECAPITALIZATION BUILDING 2, INCREMENT 4

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
	141-62	30583	$218,000

9. Cost Estimates

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**627,951**
NSAW Recapitalization Building #2				
Operations Building (141-62)	SF	826,114	538.02	(444,466)
Parking Garage (853-10)	SF	1,121,000	83.19	(93,260)
Mechanical Plant (890-09)	SF	72,268	726.80	(52,525)
Operation and Maintenance Support Information (OMSI)	LS			(1,000)
Sustainability Features	LS			(11,850)
Antiterrorism/Force Protection	LS			(24,850)
SUPPORTING FACILITIES				**39,053**
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)
Design-Build Design Cost @ 4%	LS			**27,750**
Estimated Contract Cost				**694,754**
Contingency (5.0%)				34,738
SUBTOTAL				**729,492**
SIOH (5.7%)				41,581
Design During Construction (1.5%)				10,942
Total Project Request				782,015
TOTAL PROJECT COST				**782,015**
Equipment from other appropriations				196,000

10. DESCRIPTION OF PROPOSED CONSTRUCTION: 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 FY 2016 authorized amount represents the entire funding required to execute this Military Construction (MILCON) project. The FY19 appropriation represents the fourth 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.

1. Component NSA/CSS DEFENSE	FY 2019 MILITARY CONSTRUCTION PROJECT DATA		2. Date February 2018
3. Installation and Location Ft. George G. Meade, Maryland		4. Project Title NSAW RECAPITALIZATION BUILDING 2, INCREMENT 4	
5. Program Element	6. Category Code 141-62	7. Project Number 30583	8. Project Cost ($000) $218,000

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.

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.

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.

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).

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.

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.

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).

1. Component NSA/CSS DEFENSE	FY 2019 MILITARY CONSTRUCTION PROJECT DATA		2. Date February 2018
3. Installation and Location Ft. George G. Meade, Maryland		4. Project Title NSAW RECAPITALIZATION BUILDING 2, INCREMENT 4	
5. Program Element	6. Category Code 141-62	7. Project Number 30583	8. Project Cost ($000) $218,000

11. REQUIREMENT: New: Approximately 898,382 GSF Operations Building (and associated mechanical plant) and 1,121,000 SF Parking Structure
ADEQUATE: None
SUBSTANDARD: None

PROJECT**:** Construct multi-story operations facility and structured parking facility (Current Mission).

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.

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.

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.

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.

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).

1. Component NSA/CSS DEFENSE	FY 2019 MILITARY CONSTRUCTION PROJECT DATA		2. Date February 2018
3. Installation and Location Ft. George G. Meade, Maryland		4. Project Title NSAW RECAPITALIZATION BUILDING #2, INCREMENT 4	
5. Program Element	6. Category Code 141-62	7. Project Number 30583	8. Project Cost ($000) $218,000

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 (C) = (a) + (b) or (d) + (e) ($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
(c) Total design cost (C) = (a) + (b) OR (d) + (e):	$31,450
(d) Contract Architect-Engineer Design Cost, Estimated	$31,450
(e) In-house Design Cost Plus Architect Engineer Contract Supervision and Administration Cost \ Government Forces Design Cost, Estimated	$0

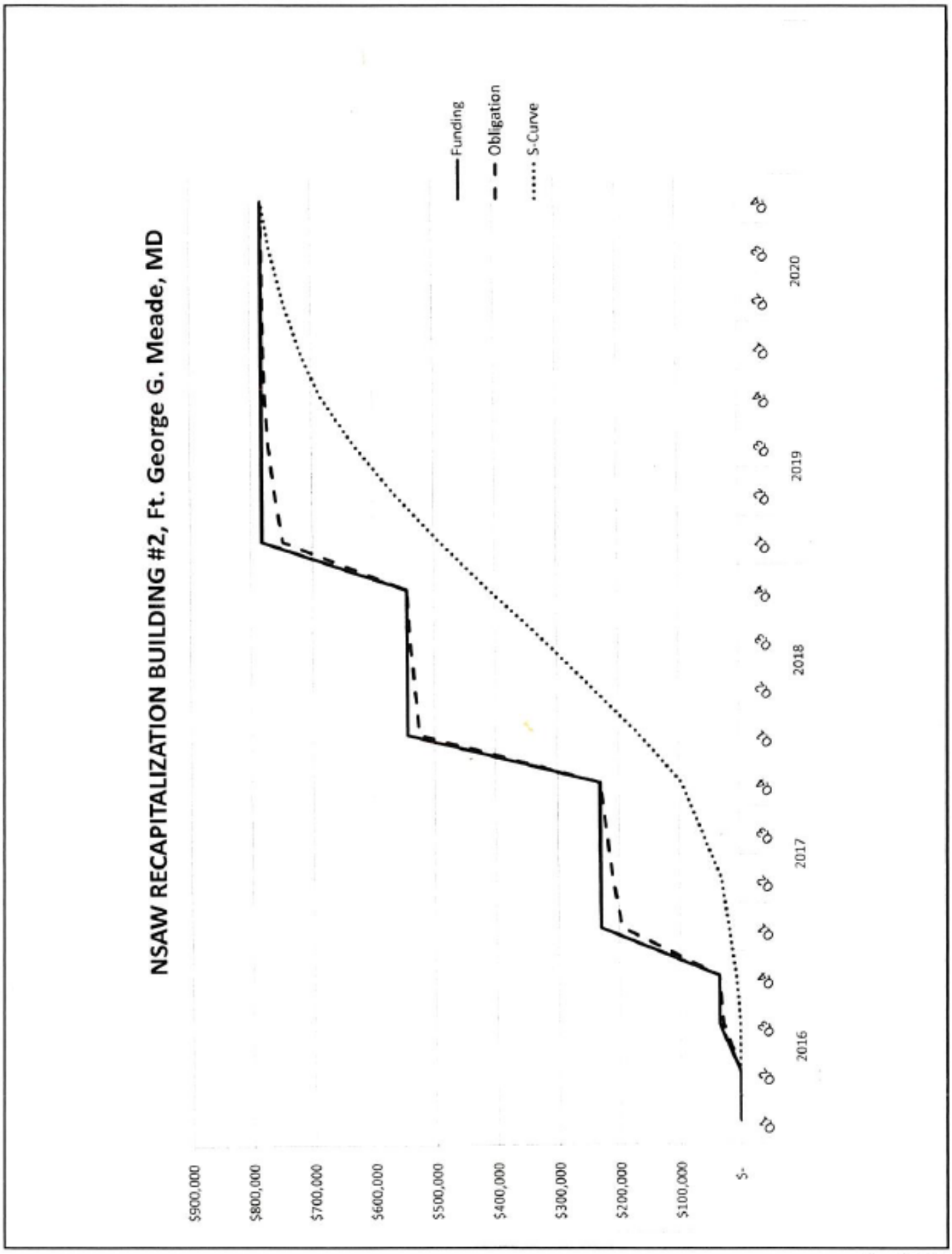
a.	Construction Contract Award:	June 2016
b.	Construction Start Date:	Sept. 2016
c.	Construction Completion Date	Sept. 2020
d.	Funding Profile:	

Authorization:

FY2016:	$782,332,000

Appropriation:

FY2016 Increment 1:	$34,897,000
FY2017 Increment 2:	$195,000,000
FY2018 Increment 3:	$313,968,000
FY2019 Increment 4:	**$218,000,000**
TOTAL	$761,865,000


NSAW RECAPITALIZATION BUILDING #2, Ft. George G. Meade, MD
Funding
Obligation
S-Curve
$900,000
$800,000
$700,000
$600,000
$500,000
$400,000
$300,000
$200,000
$100,000
$-
2016
2017
2018
2019
2020

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
NSA/CSS DEFENSE		February 2018

3. Installation and Location	4. Project Title
Ft. George G. Meade, Maryland	NSAW RECAPITALIZATION BUILDING 3, INCREMENT 1

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
	143-80	35168	$99,000

9. Cost Estimates

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**644,063**
Operations Building (143-80)	SF	952,066	541.08	(515,145)
Parking Facility (853-10)	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				**20,831**
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

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.

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.

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.

A parking structure will be constructed to provide new parking spaces for staff and visitors.

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.

1. Component NSA/CSS DEFENSE	FY 2019 MILITARY CONSTRUCTION PROJECT DATA		2. Date February 2018
3. Installation and Location Ft. George G. Meade, Maryland		4. Project Title NSAW RECAPITALIZATION BUILDING 3, INCREMENT 1	
5. Program Element	6. Category Code 143-80	7. Project Number 35168	8. Project Cost ($000) $99,000

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.

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.

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.

11. REQUIREMENT: 143-80: 952,066 GSF SUBSTANDARD: 0 GSF ADEQUATE: 0 GSF
853-10: 1,116,612 GSF SUBSTANDARD: 0 GSF ADEQUATE: 0 GSF

PROJECT: Construct the third in a series of command, control, communications, computers and intelligence (C4I) operations buildings and structured parking facility (Current Mission).

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.

CURRENT SITUATION: The existing operations at Fort Meade are located in facilities constructed over 50 years ago and is not conductive 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.

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.

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
NSA/CSS DEFENSE		February 2018

3. Installation and Location	4. Project Title
Ft. George G. Meade, Maryland	NSAW RECAPITALIZATION BUILDING 3, INCREMENT 1

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
	143-80	35168	$99,000

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:	2019
(f)	Standard or definitive design used	No

(3) Construction Data

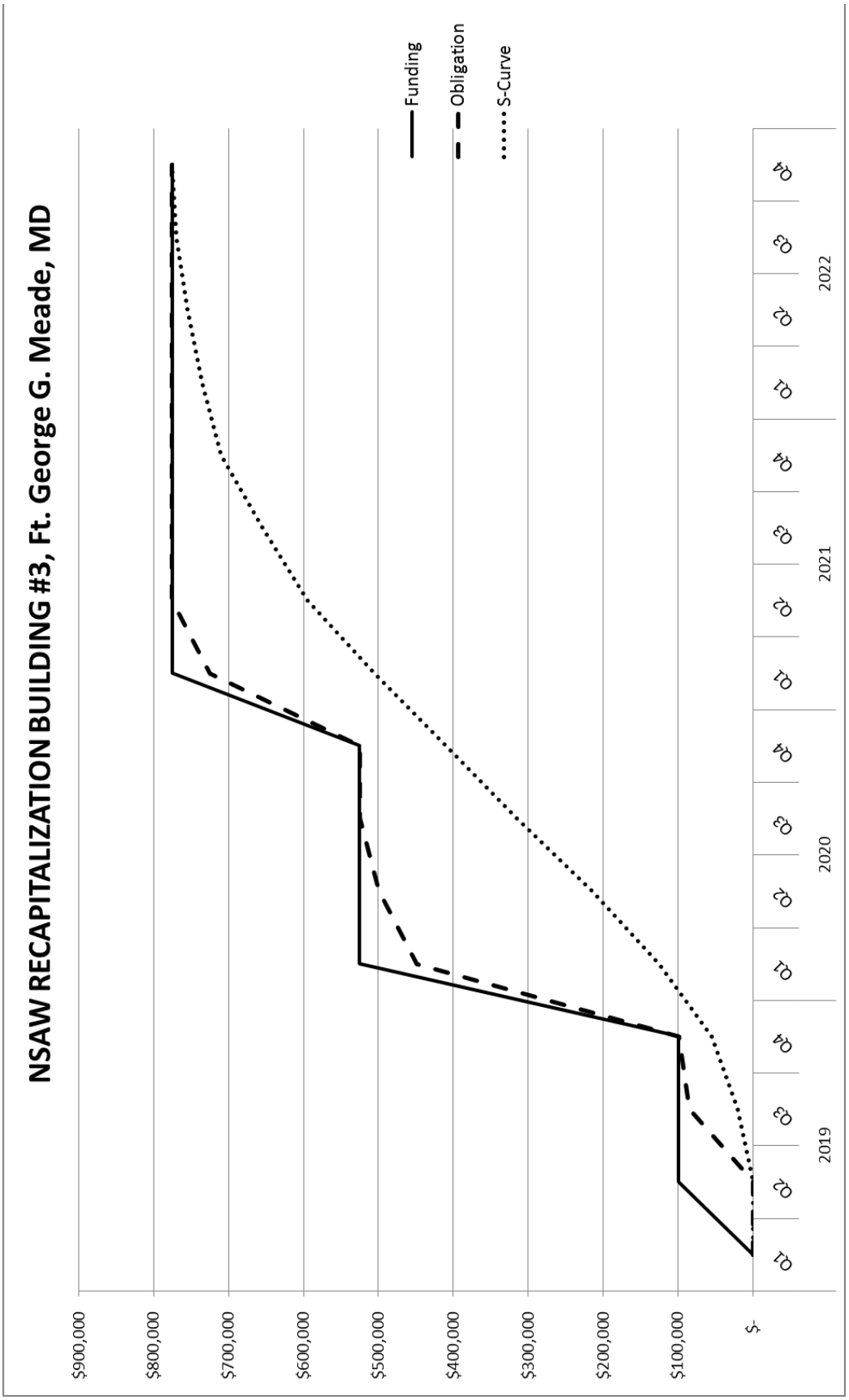
(a)	Contract Award:	Feb 2019
(b)	Construction Start:	Aug 2019
(c)	Construction Complete:	Feb 2023

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


NSAW RECAPITALIZATION BUILDING #3, Ft. George G. Meade, MD
Funding
Obligation
S-Curve
$900,000
$800,000
$700,000
$600,000
$500,000
$400,000
$300,000
$200,000
$100,000
$-
Q1
Q2
Q3
Q4
2019
2020
2021
2022

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
NSA/CSS DEFENSE		February 2018

3. Installation and Location	4. Project Title
Ft. George G. Meade, Maryland	MISSION SUPPORT OPERATIONS WAREHOUSE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
	441-10	32100	$30,000

9. Cost Estimates

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES				**20,329**
Warehouse (441-10)	SF	44,000	455.21	(20,029)
Operation and Maintenance Support Information (OMSI)	LS			(100)
Sustainability and Energy Features	LS			(200)
SUPPORTING FACILITIES				**4,998**
Site Utilities	LS			(424)
Site Improvements	LS			(332)
Demolition	LS			(4,242)
ESTIMATED CONTRACT COST				**25,327**
Contingency (5.0%)				1,266
SUBTOTAL				**26,593**
SIOH (5.7%)				1,516
Design/Build (4%)				1,064
Design During Construction				176
Total Project Request				29,349
TOTAL PROJECT COST (ROUNDED)				**30,000**
Equipment from other appropriations				10,000

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Constructs a new warehouse facility with warehouse space, vault, hazardous materials storage space, loading docks, administrative space, restrooms, break room, and mechanical and electrical space.

The project consists of core and shell structure and foundations; electrical/mechanical service and distribution components and systems; fire protection, alarm and suppression; 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 facility will be constructed as a Sensitive Compartmented Information Facility (SCIF) with secured telecommunications distribution system. Radiant barrier shielding is required. Project includes Uninterruptible Power Supply (UPS) systems to ensure continuity of operations. 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.

Site utilities include primary electrical service, water, sewer, and secure communications pathways. Site improvements include new paving, walkways, landscaping and Low Impact Development (LID) to include storm water management facilities.

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.

Demolition of one existing structure (101,857 SF) is included.

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
NSA/CSS DEFENSE		February 2018

3. Installation and Location	4. Project Title
Ft. George G. Meade, Maryland	MISSION SUPPORT OPERATIONS WAREHOUSE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
	441-10	32100	$30,000

11. REQUIREMENT: 44,000 GSF ADEQUATE: 0 GSF SUBSTANDARD: 101,857 GSF

PROJECT: Construct a warehouse facility to provide mission support operations spaces for the National Security Agency (NSA) at Fort George G. Meade, Maryland (FGGM).

REQUIREMENT: This warehouse is required to provide compliant warehouse space for mission operations and to further implement NSA's recapitalization plan. For more specific information related to the storage requirement, please contact the Agency point of contact.

CURRENT SITUATION: The mission is currently housed in leased off-site facility that does not meet security requirements. The facility to be demolished was constructed in 1973 as a temporary facility, is in poor condition and cannot accommodate the infrastructure required to support the technical mission or security requirements.

IMPACT IF NOT PROVIDED: NSA mission will continue to be at security risk at off-site leased storage facility. The existing facility to be demolished has exceeded its service life and does not provide an appropriate environment for conducting mission operations.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data:

(1) Acquisition Strategy	Design/Build
(2) Design Data	
(a) Design or Request for Proposal (RFP) started:	Jan 2018
(b) Percent of Design Completed as of Jan 2018:	5%
(c) Design or RFP Complete date:	Oct 2018
(d) Total Design Cost ($000):	$2,564
(e) Energy Study and/or Life Cycle Analysis performed:	2019
(f) Standard or definitive design used	No
(3) Construction Data	
(a) Contract Award:	Jan 2019
(b) Demolition/Construction Start:	Apr 2019
(c) Construction Complete:	Sep 2021

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

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
Furniture & Storage System	O&M	FY2020	7,000
IT, AV, Security & Equipment	O&M	FY2020	3,000

U.S. Special Operations Command
FY 2019 Military Construction, Defense-Wide
($ In Thousands)

State/Installation/Project	Authorization Request	Approp Request	New/ Current Mission	Page No.
California				
Marine Corps Base Camp Pendleton				
SOF EOD Facility – West	3,547	3,547	C	137
SOF Human Performance Training Center-West	9,049	9,049	C	141
Naval Base Coronado				
SOF ATC Applied Instruction Facility	14,819	14,819	C	145
SOF ATC Training Facility	18,329	18,329	C	148
SOF Close Quarters Combat Facility	12,768	12,768	C	151
SOF NSWG-1 Operations Support Facility	25,172	25,172	C	154
Colorado				
Fort Carson				
SOF Human Performance Training Center	15,297	15,297	C	158
SOF Mountaineering Facility	9,000	9,000	C	161
Kentucky				
Fort Campbell				
SOF Air/Ground Integration Urban Live Fire Range	9,091	9,091	C	165
SOF Logistics Support Operations Facility	5,435	5,435	C	167
SOF Multi-Use Helicopter Training Facility	5,138	5,138	C	170
North Carolina				
Fort Bragg				
SOF Replace Training Maze and Tower	12,109	12,109	C	174
SOF SERE Resistance Training Laboratory Complex	20,257	20,257	C	177
Virginia				
Dam Neck				
SOF Magazines	8,959	8,959	C	181
Fort A.P. Hill				
Training Campus	11,734	11,734	C	185
Fort Belvoir				
Human Performance Training Center	6,127	6,127	C	189
Humphreys Engineer Center Support Activity				
Maintenance and Supply Facility	20,257	20,257	C	193

U.S. Special Operations Command
FY 2019 Military Construction, Defense-Wide
($ In Thousands)

State/Installation/Project	Authorization Request	Approp Request	New/ Current Mission	Page No.
CONUS Classified				
Battalion Complex, PH2	49,222	49,222	C	196
Germany				
Baumholder				
SOF Joint Parachute Rigging Facility	11,504	11,504	N	200
Total	**267,814**	**267,814**		

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA	U.S. MARINE CORPS FORCES SPECIAL OPERATIONS COMMAND	1.16

6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF SEP 17	83	637	13	0	0	0	0	0	0	733
b. END FY 23	85	697	11	0	0	0	0	0	0	793

7. INVENTORY DATA ($000)	
a. TOTAL ACREAGE	126,749
b. INVENTORY TOTAL AS OF SEP 17	68,683
c. AUTHORIZATION NOT YET IN INVENTORY (FY15-18)	27,423
d. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY19)	12,596
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY20)	0
f. PLANNED IN NEXT THREE PROGRAM YEARS (FY21-23)	0
g. REMAINING DEFICIENCY	0
h. GRAND TOTAL	108,702

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
143	SOF EOD FACILITY – WEST	550 SM (5,900 SF)	3,547	08/17	11/18
171	SOF HUMAN PERFORMANCE TRAINING CENTER – WEST	1,446 SM (15,600 SF)	9,049	10/14	11/18

9. FUTURE PROECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY20)			
b. Planned Next Three Years (FY21-23)			

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTIONS

Marine Corps Base Camp Pendleton's mission is to operate a training base that promotes the combat readiness of the operating forces and the mission of other tenant commands by providing training opportunities, facilities, services and support responsive to the needs of Marines, Sailors and their families.

The mission of U.S. Marine Corps Forces Special Operations Command (MARSOC) is to recruit, organize, train, equip, educate, sustain, maintain combat readiness and deploy task organized, scalable and responsive U.S. Marine Corps Special Operations Forces (MARSOF) worldwide to accomplish Special Operations (SO) missions assigned by CDR USSOCOM, and/or geographic combatant commanders employing Special Operations Forces (SOF).

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

N/A

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA	SOF EOD FACILITY - WEST

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	143	P1120	3,547

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				1,564
EOD FACILITY (CC 143241)(5,900 SF)	SM	550	2,600	(1,430)
BUILT-IN EQUIPMENT	LS	--	--	(75)
OPERATION AND MAINTENANCE SUPPORT INFO (OMSI)	LS	--	--	(9)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(50)
SUPPORTING FACILITIES				1,632
SPECIAL CONSTRUCTION FEATURES	LS	--	--	(125)
UTILITIES	LS	--	--	(350)
SITE PREPARATION	LS	--	--	(150)
ROADS, SIDEWALKS AND PARKING	LS	--	--	(200)
SITE IMPROVEMENTS	LS	--	--	(450)
ENVIRONMENTAL MITIGATION	LS	--	--	(349)
AT/FP/PHYSICAL SECURITY MEASURES	LS	--	--	(8)

ESTIMATED CONTRACT COST				3,196
CONTINGENCY (5%)				160

SUBTOTAL				3,356
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				191

TOTAL REQUEST				3,547
TOTAL REQUEST (ROUNDED)				3,547
EQUIPMENT FROM OTHER APPROPRIATIONS				(499)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Constructs an Explosive Ordnance Disposal (EOD) Facility to support operational planning, administration, training and storage for EOD operations for 1st Marine Raider Battalion (1st MRB) and miscellaneous supporting structures/utilities/ infrastructure. All exterior finishes will conform to the Camp Pendleton Base Exterior Architecture Plan. Construction will include skylights to maximize natural lighting, administrative space, security area for document storage, workshop and maintenance area, equipment storage space, classroom space, showers and lockers. Built-in equipment includes gear storage cages and casework. Special construction features include sloped site topography and storm water best management practices. Electrical systems include: primary power distribution, lighting, energy monitoring/control systems, intrusion detection system, telephone/data switch/server rooms, photovoltaic cells, electrical switch gear, transformers, circuits, and fire alarms. Mechanical systems include: plumbing, fire protection, de-humidification, heating/ventilation/air conditioning systems, energy management control systems and direct digital controls. Information systems include telephone, data, local area networks, mass notification and intercom. Site systems/connections will include utility distribution/ collection systems, traffic control, parking lots, perimeter security fencing, gates for pedestrian and vehicle access to the training area, paved roadways, electrical power, domestic water, fire protection water, sanitary

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA	SOF EOD FACILITY - WEST

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	143	P1120	3,547

sewer, storm water management, fire alarm, telephone/data communication, fiber optics, and cable television system. Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development features will be included in the design and construction of this project as appropriate. This project will provide anti-terrorism/force protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with Department of Defense (DOD) Minimum Anti-Terrorism Standards for Buildings and meet MCO 5530.14A Marine Corps Physical Security, Level Two Facility requirements. This project includes environmental mitigation for natural, cultural and environmental resources, Geospatial Data Surveying/Mapping, and special foundation features for seismic conditions.

11. REQUIREMENT: 550 SM (5,900 SF) **ADEQUATE:** 0 SM **SUBSTANDARD:** 0 SM

PROJECT: Constructs an EOD Facility.

REQUIREMENT: Adequate and efficiently configured EOD Operations and Training Facility for conducting explosive ordnance operation and training requirements. Adequate facilities are required to support execution of the West Coast EOD mission of 1st MRB at the Camp Pendleton MARSOC Compound. Facilities do not currently exist at Camp Pendleton to functionally meet MARSOC requirements for planning, training, operation, and storage.

CURRENT SITUATION: EOD personnel are currently in HQ administration space with equipment separately warehoused in Supply. Assigned spaces do not support requirements for planning, training and storage. Supports 435 personnel.

IMPACT IF NOT PROVIDED: Negative impact on readiness. Training requirements not met. MARSOC mission preparation and operations execution are jeopardized.

ADDITIONAL: Project construction is not within a designated 100-year floodplain.

JOINT USE CERTIFICATION: N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design Bid Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	Aug/2017
(b) Percent of Design Completed as of Jan 2018:	35%
(c) Design or RFP Complete:	Nov/2018
(d) Total Design Cost ($000):	360
(e) Energy Study and/or Life Cycle Analysis performed:	No
(f) Standard or definitive design used?	No
(3) Construction Data:	
(a) Contract Award:	Jan/2019
(b) Construction Start:	Apr/2019
(c) Construction Complete:	Sep/2020

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA	SOF EOD FACILITY - WEST

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	143	P1120	3,547

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2020	250
C4I Equipment	O&M, D-W	2020	175
Collateral Equipment	PROC, D-W	2020	74

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1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA	SOF HUMAN PERFORMANCE TRAINING CENTER - WEST

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	P1320	9,049

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				5,256
HUMAN PERFORMANCE TRAINING CENTER (CC 17120)(15,600SF)	SM	1,446	3,500	(5,061)
BUILT-IN EQUIPMENT	LS	--	--	(75)
OPERATION AND MAINTENANCE SUPPORT INFO (OMSI)	LS	--	--	(20)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(100)
SUPPORTING FACILITIES				2,897
SPECIAL CONSTRUCTION FEATURES	LS	--	--	(900)
ELECTRICAL UTILITIES	LS	--	--	(200)
MECHANICAL UTILITIES	LS	--	--	(250)
ENVIRONMENTAL MITIGATION	LS	--	--	(271)
PAVING AND IMPROVEMENTS	LS	--	--	(1,150)
AT/FP/PHYSICAL SECURITY MEASURES	LS	--	--	(26)
DEMOLITION	LS	--	--	(100)

ESTIMATED CONTRACT COST				8,153
CONTINGENCY (5%)				408

SUBTOTAL				8,561
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				488

SUBTOTAL				9,049
DESIGN/BUILD - DESIGN COST (4%)				--

TOTAL REQUEST				9,049
TOTAL REQUEST (ROUNDED)				9,049
EQUIPMENT FROM OTHER APPROPRIATIONS				(1,350)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Constructs a facility expansion to consolidate and integrate Human Performance Program (HPP) functions supporting 240 Critical Skills Operators in 1st Marine Raider Battalion (1st MRB) and miscellaneous supporting structures/utilities/ infrastructure. All construction will be in compliance with the current Camp Pendleton Requirements. All exterior finishes will conform to the Camp Pendleton Base Exterior Architecture Plan. Construction will include skylights to maximize natural lighting, storage, administrative space, a nutrition kitchen, training areas, showers and lockers. Special construction features include storm water best management practices, interior and exterior athletic/agility surfaces. Electrical systems include: primary power distribution, lighting, energy control systems, intrusion detection system, telephone/data switch/server rooms, photovoltaic cells, electrical switch gear, transformers, circuits, and fire alarms. Mechanical systems include: plumbing, fire protection, compressed air, de-humidification, heating/ventilation/ air conditioning systems, energy management control systems, direct digital controls and an elevator. Information systems include telephone, data, local area networks, mass notification and intercom. Site and building utility systems/connections will include utility distribution systems, traffic control, parking, electrical power, domestic water, fire protection water, sanitary sewer, storm water management, fire alarm, telephone/data communication, fiber optics, and cable television system. Audiovisual requirements will include

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA	SOF HUMAN PERFORMANCE TRAINING CENTER - WEST

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	P1320	9,049

video teleconference capability within the assigned conference/classroom. Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate. This project will provide anti-terrorism/force protection (AT/FP) features and comply with AT/FP regulations and physical security in accordance with DOD Minimum Anti-Terrorism Standards for Buildings and meet MCO 5530.14A Marine Corps Physical Security, Level Two Facility requirements. This project includes environmental mitigation for natural, cultural and environmental resources, and Geospatial Data Surveying/Mapping. Demolition will include the removal of existing parking and relocation of existing drive aisle.

11. REQUIREMENT: 1,446 SM (15,600 SF) **ADEQUATE:** 0 SM **SUBSTANDARD:** 474 SM (5,100 SF)

PROJECT: Construct a Human Performance Training Center tailored to support mission-focused physical requirements and demands in order to enable sustained peak performance for west coast based units assigned to U.S. Marine Corps Forces Special Operations Command (MARSOC).

REQUIREMENT: Adequate facilities are required to support the full implementation of USSOCOM Commander's Human Performance Program and MARSOC's mission at the Camp Pendleton MARSOC Compound. A facility shortfall remains even as the operational capability and demand placed on the Command continue to evolve. Obtaining adequate facilities is paramount to fully develop the extremely complex and demanding MARSOC capability and to support Special Operations Forces (SOF) unique training and operational requirements. Consolidates/ optimizes numerous HPP functions (Strength and Conditioning, Recovery/Rehabilitation, Performance Nutrition, and Mental Performance) in a single location via expansion of an existing facility.

CURRENT SITUATION: Current interim facility for Human Performance Strength and Conditioning activities is an unconditioned supply warehouse without access to domestic water. The current interim facility used by 1st MRB is 5,100 square feet and lacks the necessary size to adequately support the 240 Critical Skills Operators in 1st MRB. The supply bays currently used for the interim performance center are required for supply and logistics operations. The current facility is inadequate for both current and future operations with respect to Human Performance training initiatives and hampers full implementation of the USSOCOM HPP. The current location of strength/conditioning facilities inhibits rehabilitation providers and strength trainers from effectively communicating and interacting on a daily basis, and consequently interferes with optimal provision of performance interventions. The current interim facility lacks drinking water, restrooms, locker room facilities, and adequate IT infrastructure to support the assigned staff. Due to the inadequacies and restrictions of the assigned interim facilities, only limited aspects of the USSOCOM HPP are currently being executed.

IMPACT IF NOT PROVIDED: MARSOC mission preparation and execution are jeopardized. MARSOC will be unable to adequately support full implementation and maximum benefit of the HPP initiative. The ability to enhance and achieve a sustained peak physical and mental performance of MARSOC operators is increasingly at risk by not having an appropriate facility to optimize the strength, endurance and conditioning required of special forces operators specific to their mission profiles in preparation for and during recovery from operational periods of exertion and stress in austere environments. Continued use of interim facilities at MARSOC's west coast location is impractical for long term use and inadequate for the personnel assigned, negatively impacting the ability of 1st MRB to be fully integrated into the USSOCOM HPP.

ADDITIONAL: Alternate methods of meeting this requirement have been explored during project development and this project is the only feasible option. Project site is not within a designated 100-year floodplain.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA	SOF HUMAN PERFORMANCE TRAINING CENTER - WEST

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	P1320	9,049

JOINT USE CERTIFICATION: N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design Bid Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	Oct/2014
(b) Percent of Design Completed as of Jan 2018:	35%
(c) Design or RFP Complete:	Nov/2018
(d) Total Design Cost ($000):	1,000
(e) Energy Study and/or Life Cycle Analysis performed:	No
(f) Standard or definitive design used?	No
(3) Construction Data:	
(a) Contract Award:	Jan/2019
(b) Construction Start:	Apr/2019
(c) Construction Complete:	Sep/2020

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2020	1,000
C4I Equipment	O&M, D-W	2020	200
Collateral Equipment	PROC, D-W	2020	100
C4I Equipment	PROC, D-W	2020	50

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1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
NAVAL BASE CORONADO, CALIFORNIA	NAVAL SPECIAL WARFARE COMMAND	1.13

6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF SEP 17	443	2,552	515	0	0	0	0	0	0	3,510
b. END FY 23	443	2,512	514	0	0	0	0	0	0	3,469

7. INVENTORY DATA ($000)	
a. TOTAL ACREAGE	1,907
b. INVENTORY TOTAL AS OF SEP 17	269,100
c. AUTHORIZATION NOT YET IN INVENTORY (FY15-18)	593,700
d. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY19)	71,088
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY20)	0
f. PLANNED IN NEXT THREE PROGRAM YEARS (FY21-23)	143,066
g. REMAINING DEFICIENCY	0
h. GRAND TOTAL	1,076,954

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
171	SOF ATC APPLIED INSTRUCTION FACILITY	3,066 SM (33,000 SF)	14,819	12/17	03/19
171	SOF ATC TRAINING FACILITY	3,716 SM (40,000 SF)	18,329	12/17	03/19
171	SOF CLOSE QUARTERS COMBAT FACILITY	2,137 SM (23,000 SF)	12,768	12/17	03/19
143	SOF NSWG-1 OPERATIONS SUPPORT FACILITY	5,295 SM (57,000 SF)	25,172	12/17	03/19

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY20)			
None.			
b. Planned Next Three Years (FY21-23)			
173	SOF ATC OPERATIONS SUPPORT FACILITY	3,252 SM (35,000 SF)	14,605
171	SOF ATC SERE TRAINING FACILITY	3,995 SM (43,000 SF)	15,193
143	SOF SEAL TEAM SEVENTEEN OPERATIONS FACILITY	3,995 SM (43,000SF)	18,020
211	SOF UAV AVIONICS MAINTENANCE AND STORAGE FACILITY	1,858 SM (20,000 SF)	8,915
143	SOF NSWG11 HEADQUARTERS	1,022 SM (11,000 SF)	4,755
100	SOF MULTI-PURPOSE CANINE FACILITY	1,115 SM (12,000 SF)	5,339
143	SOF HEADQUARTERS FACILITY	10,498 SM (113,000 SF)	76,239

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTIONS

The mission of Naval Base Coronado is to arm, repair, provision, service and support the U.S. Pacific Fleet and other operating forces. The mission of Naval Special Warfare Command is to organize, man, train, equip, educate, sustain, maintain combat readiness and deploy Naval Special Warfare Forces to accomplish Special Operations Missions.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

N/A

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
NAVAL BASE CORONADO, CALIFORNIA	SOF ATC APPLIED INSTRUCTION FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	P949	14,819

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				10,424
APPLIED INSTRUCTION FACILITY (CC 171-20) (33,000 SF)	SM	3,066	3,000	(9,198)
ANTI-TERRORISM/FORCE PROTECTION	LS	--	--	(276)
BUILT-IN EQUIPMENT	LS	--	--	(200)
SPECIAL COSTS	LS	--	--	(350)
OPERATION AND MAINTENANCE SUPPORT INFO (OMSI)	LS	--	--	(150)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(250)
SUPPORTING FACILITIES				2,464
UTILITIES	LS	--	--	(400)
SITE PREPARATION	LS	--	--	(300)
ROADS, SIDEWALKS AND PARKING	LS	--	--	(500)
SITE IMPROVEMENTS	LS	--	--	(297)
SPECIAL FOUNDATION FEATURES	LS	--	--	(400)
DEMOLITION (19,100 SF)	SM	1,774	320	(567)

ESTIMATED CONTRACT COST				12,888
CONTINGENCY (5%)				644

SUBTOTAL				13,532
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				771

SUBTOTAL				14,303
DESIGN/BUILD - DESIGN COST (4%)				516

TOTAL REQUEST				14,819
TOTAL REQUEST (ROUNDED)				14,819
EQUIPMENT FROM OTHER APPROPRIATIONS				(2,781)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Constructs an Applied Instruction Facility to support Naval Special Warfare Center Advanced Training Command (ATC) at the Naval Base Coronado Coastal Campus. Optimizes training efficiencies by consolidating Advanced Sniper, Foreign Language, Unmanned Aerial Systems (UAS) and Reconnaissance training. Project includes all pertinent site preparations and site improvements, mechanical and electrical utilities, telecommunications, pile foundation, emergency generator, landscaping, irrigation, drainage, parking and exterior lighting. Demolishes Building 903, approximately 1,774 SM (19,100 SF). Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development features will be included in the design and construction of this project as appropriate. This project will provide anti-terrorism/force protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with Department of Defense (DoD) Minimum Anti-Terrorism Standards for Buildings.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
NAVAL BASE CORONADO, CALIFORNIA	SOF ATC APPLIED INSTRUCTION FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	P949	14,819

11. REQUIREMENT: 3,066 SM (33,000 SF) **ADEQUATE:** 0 SM **SUBSTANDARD:** 1,774 SM(19,100 SF)

PROJECT: Constructs an applied instruction facility for Naval Special Warfare Center (NSWC) ATC at the Naval Base Coronado Coastal Campus.

REQUIREMENT: NSWC is responsible for ensuring component maritime special operations forces are ready to meet the operational requirements of the Regional Combatant Commanders. NSWC ATC provides advanced individual skills training to the NSW community.

CURRENT SITUATION: Facilities that support NSWC Advanced Sniper, Foreign Language, UAS and Reconnaissance training include a Naval Base Coronado Bachelor Enlisted Quarters (BEQ) and various temporary and modular facilities. Project is vital to implement the phased capital improvements plan for the Naval Base Coronado Coastal Campus.

IMPACT IF NOT PROVIDED: Inability to foster a cohesive training environment due to continued use of a Navy Bachelor Enlisted Quarters and temporary and modular facilities on two separate geographical areas of Naval Base Coronado. Modular facilities are not a suitable long term facility solutions per OPNAVINST 11010.33C, Procurement, Lease and Use of Modular Buildings. Impacts to Coastal Campus project synchronization.

ADDITIONAL: No life cycle costs have been calculated at this time. This project is in compliance with current seismic requirements. Flood vulnerability determination for Naval Special Warfare Command projects has been accomplished by Naval Base Coronado and is part of the project planning process.

JOINT USE CERTIFICATION: N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	Dec/2017
(b) Percent of Design Completed as of Jan 2018:	15%
(c) Design or RFP Complete:	Mar/2019
(d) Total Design Cost ($000):	903
(e) Energy Study and/or Life Cycle Analysis Performed:	No
(f) Standard or Definitive Design Used:	No
(3) Construction Data:	
(a) Contract Award:	Jun/2019
(b) Construction Start:	Jan/2020
(c) Construction Complete:	Jul/2021

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2020	1,600
C4I Equipment	O&M, D-W	2020	525
Collateral Equipment	PROC, D-W	2020	394
C4I Equipment	PROC, D-W	2020	262

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
NAVAL BASE CORONADO, CALIFORNIA	SOF ATC APPLIED INSTRUCTION FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	P949	14,819

Naval Special Warfare Command
Telephone: (619) 437-9075

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
NAVAL BASE CORONADO, CALIFORNIA	SOF ATC TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	P950	18,329

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				13,492
TRAINING FACILITY (CC 171-20) (40,000 SF)	SM	3,716	3,125	(11,613)
ANTI-TERRORISM/FORCE PROTECTION	LS	--	--	(400)
BUILT-IN EQUIPMENT	LS	--	--	(400)
SPECIAL COSTS	LS	--	--	(329)
OPERATION AND MAINTENANCE SUPPORT INFO (OMSI)	LS	--	--	(400)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(350)
SUPPORTING FACILITIES				2,448
UTILITIES	LS	--	--	(400)
SITE PREPARATION	LS	--	--	(300)
ROADS, SIDEWALKS AND PARKING	LS	--	--	(400)
SITE IMPROVEMENTS	LS	--	--	(348)
SPECIAL FOUNDATION FEATURES	LS	--	--	(400)
DEMOLITION (20,000 SF)	SM	1,858	323	(600)

ESTIMATED CONTRACT COST				15,940
CONTINGENCY (5%)				797

SUBTOTAL				16,737
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				954

SUBTOTAL				17,691
DESIGN/BUILD - DESIGN COST (4%)				638

TOTAL REQUEST				18,329
TOTAL REQUEST (ROUNDED)				18,329
EQUIPMENT FROM OTHER APPROPRIATIONS				(3,056)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Constructs a training facility to support Naval Special Warfare Center Advanced Training Command (ATC) at the Naval Base Coronado Coastal Campus. Optimizes training efficiencies by consolidating training for Air Operations, Dive Operations, Combatives, Communications and Technical Surveillance, Technical Surveillance Operations, and Technical Information Operations training. Project includes all pertinent site preparations and site improvements, mechanical and electrical utilities, telecommunications, pile foundation, emergency generator, landscaping, irrigation, drainage, parking and exterior lighting. Demolishes Building 96 and various temporary and modular facilities totaling approximately 1,858 SM (20,000 SF). Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development features will be included in the design and construction of this project as appropriate. This project will provide anti-terrorism/force protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with Department of Defense (DOD)

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
NAVAL BASE CORONADO, CALIFORNIA	SOF ATC TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	P950	18,329

Minimum Anti-Terrorism Standards for Buildings.

11. REQUIREMENT: 3,716 SM (40,000 SF) **ADEQUATE:** 0 SM **SUBSTANDARD:** 1,858 SM (20,000 SF)

PROJECT: Constructs a training facility for Naval Special Warfare Center (NSWC) ATC at the Naval Base Coronado Coastal Campus.

REQUIREMENT: NSWC is responsible for ensuring component maritime special operations forces are ready to meet the operational requirements of the Regional Combatant Commanders. NSWC ATC provides advanced individual skills training to the NSW community.

CURRENT SITUATION: Facilities that support NSWC Air Operations, Dive Operations, Combatives, Communications and Technical Surveillance, Technical Surveillance Operations, and Technical Information Operations training include various temporary and modular facilities. Project is vital to implement the phased capital improvements plan for the Naval Base Coronado Coastal Campus.

IMPACT IF NOT PROVIDED: Inability to foster a cohesive training environment due to continued use of temporary, modular facilities. Modular facilities are not a suitable long term facility solution per OPNAVINST 11010.33C, Procurement, Lease and Use of Modular Buildings. Impacts to Coastal Campus project synchronization.

ADDITIONAL: No life cycle costs have been calculated at this time. This project is in compliance with current seismic requirements. Flood vulnerability determination for Naval Special Warfare Command projects has been accomplished by Naval Base Coronado and is part of the project planning process.

JOINT USE CERTIFICATION: N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	Dec/2017
(b) Percent of Design Completed as of Jan 2018:	15%
(c) Design or RFP Complete:	Mar/2019
(d) Total Design Cost ($000):	1,117
(e) Energy Study and/or Life Cycle Analysis Performed:	No
(f) Standard or Definitive Design Used:	No
(3) Construction Data:	
(a) Contract Award:	Jun/2019
(b) Construction Start:	Jan/2020
(c) Construction Complete:	Jul/2021

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2020	1,800
C4I Equipment	O&M, D-W	2020	525
Collateral Equipment	PROC, D-W	2020	469
C4I Equipment	PROC, D-W	2020	262

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
NAVAL BASE CORONADO, CALIFORNIA	SOF ATC TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	P950	18,329

Naval Special Warfare Command
Telephone: (619) 437-9075

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
NAVAL BASE CORONADO, CALIFORNIA	SOF CLOSE QUARTERS COMBAT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	P918	12,768

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				9,399
CLOSE QUARTERS COMBAT FACILITY (CC 171-20) (23,000 SF)	SM	2,137	3,600	(7,693)
ANTI-TERRORISM/FORCE PROTECTION	LS	--	--	(440)
BUILT-IN EQUIPMENT	LS	--	--	(500)
SPECIAL COSTS	LS	--	--	(350)
OPERATION AND MAINTENANCE SUPPORT INFO (OMSI)	LS	--	--	(166)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(250)
SUPPORTING FACILITIES				1,705
UTILITIES	LS	--	--	(400)
SITE PREPARATION	LS	--	--	(200)
ROADS, SIDEWALKS AND PARKING	LS	--	--	(305)
SITE IMPROVEMENTS	LS	--	--	(400)
SPECIAL FOUNDATION FEATURES	LS	--	--	(400)

ESTIMATED CONTRACT COST				11,104
CONTINGENCY (5%)				555

SUBTOTAL				11,659
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				665

SUBTOTAL				12,324
DESIGN/BUILD - DESIGN COST (4%)				444

TOTAL REQUEST				12,768
TOTAL REQUEST (ROUNDED)				12,768
EQUIPMENT FROM OTHER APPROPRIATIONS				(2,529)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Constructs a Close Quarters Combat (CQC) Facility to support Naval Special Warfare Center (NSWC) and Naval Special Warfare Group ONE (NSWG-1) at the Naval Base Coronado Coastal Campus. Project includes all pertinent site preparations and site improvements, mechanical and electrical utilities, telecommunications, pile foundation, emergency generator, landscaping, irrigation, drainage, parking and exterior lighting. Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development features will be included in the design and construction of this project as appropriate. This project will provide anti-terrorism/force protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with Department of Defense (DOD) Minimum Anti-Terrorism Standards for Buildings.

11. REQUIREMENT: 2,137 SM (23,000 SF) **ADEQUATE:** 0 SM **SUBSTANDARD:** 478 SM (5,140 SF)
PROJECT: Constructs a CQC Facility for Naval Special Warfare Center SEAL Qualification Training (SQT) and NSWG-1 at the Naval Base Coronado Coastal Campus.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
NAVAL BASE CORONADO, CALIFORNIA	SOF CLOSE QUARTERS COMBAT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	P918	12,768

REQUIREMENT: Optimizes efficiencies by providing a "backyard" Close Quarters Combat (CQC) Facility, the cornerstone of SEAL Qualification Training (SQT) assaults training. Project complements SEAL Team assaults Unit Level Training (ULT) sustainment training. NSWC is responsible for ensuring component maritime special operations forces are ready to meet the operational requirements of the Regional Combatant Commanders. NSWG-1 has the mission to man, train, equip, develop, deploy and sustain Naval Special Warfare (NSW) Forces to support Combatant Commanders and US National Interests in the CENTCOM and PACOM Areas of Operation.

CURRENT SITUATION: There are limited CQC facilities on the west coast to support NSW units. SQT assaults training will encroach on SEAL Team Assaults ULT at Camp Michael Monsoor. Competition for ranges will require use and improvement of obsolete Range 116 (5,140 SF) at Camp Pendleton. NSW is divesting from Range 116 in 2018.

IMPACT IF NOT PROVIDED: Direct negative impacts to both SQT and SEAL Team assaults ULT sustainment training. Meeting training requirements would require 24 hour operations at Camp Michael Monsoor, increasing overtime for civilians and civilian pay. Significant negative impact to PERSTEMPO.

ADDITIONAL: No life cycle costs have been calculated at this time. This project is in compliance with current seismic requirements. Flood vulnerability determination for Naval Special Warfare Command projects has been accomplished by Naval Base Coronado and is part of the project planning process.

JOINT USE CERTIFICATION: N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	Dec/2017
(b) Percent of Design Completed as of Jan 2018:	15%
(c) Design or RFP Complete:	Mar/2019
(d) Total Design Cost ($000):	777
(e) Energy Study and/or Life Cycle Analysis Performed:	No
(f) Standard or Definitive Design Used:	No
(3) Construction Data:	
(a) Contract Award:	Jun/2019
(b) Construction Start:	Jan/2020
(c) Construction Complete:	Jul/2021

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2020	965
C4I Equipment	O&M, D-W	2020	198
Collateral Equipment	PROC, D-W	2020	1,278
C4I Equipment	PROC, D-W	2020	88

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
NAVAL BASE CORONADO, CALIFORNIA	SOF CLOSE QUARTERS COMBAT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	P918	12,768

Naval Special Warfare Command
Telephone: (619) 437-9075

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
NAVAL BASE CORONADO, CALIFORNIA	SOF NSWG-1 OPERATIONS SUPPORT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	143	P200	25,172

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				17,768
OPERATIONS SUPPORT FACILITY (CC 610-10) (57,000)	SM	5,295	3,000	(15,885)
ANTI-TERRORISM/FORCE PROTECTION	LS	--	--	(633)
BUILT-IN EQUIPMENT	LS	--	--	(400)
SPECIAL COSTS	LS	--	--	(350)
OPERATION AND MAINTENANCE SUPPORT INFO (OMSI)	LS	--	--	(250)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(250)
SUPPORTING FACILITIES				4,124
UTILITIES	LS	--	--	(800)
SITE PREPARATION	LS	--	--	(840)
ROADS, SIDEWALKS AND PARKING	LS	--	--	(600)
SITE IMPROVEMENTS	LS	--	--	(1,083)
SPECIAL FOUNDATION FEATURES	LS	--	--	(800)

ESTIMATED CONTRACT COST				21,891
CONTINGENCY (5%)				1,095

SUBTOTAL				22,986
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,310

SUBTOTAL				24,296
DESIGN/BUILD - DESIGN COST (4%)				876

TOTAL REQUEST				25,172
TOTAL REQUEST (ROUNDED)				25,172
EQUIPMENT FROM OTHER APPROPRIATIONS				(4,960)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Constructs an operations support facility to support Naval Special Warfare Group ONE (NSWG-1). Facility will support a variety of functions including applied instruction, administrative, and operational gear storage. Project includes all pertinent site preparations and site improvements, mechanical and electrical utilities, telecommunications, pile foundation, emergency generator, landscaping, irrigation, drainage, parking and exterior lighting. Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development features will be included in the design and construction of this project as appropriate. This project will provide anti-terrorism/force protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with Department of Defense (DOD) Minimum Anti-Terrorism Standards for Buildings.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
NAVAL BASE CORONADO, CALIFORNIA	SOF NSWG1 OPERATIONS SUPPORT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	143	P200	25,172

11. REQUIREMENT: 5,295 SM (57,000 SF) **ADEQUATE:** 0 SM **SUBSTANDARD:** 4,004 SM (43,100 SF)

PROJECT: Constructs an operations support facility for NSWG-1 at the Naval Base Coronado Coastal Campus.

REQUIREMENT: NSWG-1 has the mission to man, train, equip, develop, deploy and sustain Naval Special Warfare Forces to support Combatant Commanders and US National Interests in the CENTCOM and PACOM Areas of Operation.

CURRENT SITUATION: NSWG-1 is currently accommodated in eight facilities and a temporary modular facility totaling 43,100 SF that meets approximately 76% of facility requirements. Four of these facilities (Buildings 1, 2, 19, 147) were constructed in 1944 and have exceeded capacity and their useful economic life. They are the oldest buildings currently used by Naval Special Warfare and the oldest buildings at Naval Amphibious Base (NAB) Coronado. Project is integral to the phased, MFP-2 funded capital improvements plan at NAB Coronado. Sites of Buildings 1, 2, and 147 will be utilized by Naval Base Coronado to support additional non-SOF small craft operations in accordance with the 2011 Navy Region Southwest Regional Integration Plan.

IMPACT IF NOT PROVIDED: NSWG-1 will continue to utilize obsolete, undersized and poorly configured facilities that are fragmented from the operational units at the Coastal Campus. These facilities were not designed to meet current force structure and mission requirements and impede day to day operations and mission planning. Fragmentation from the operational units at the Coastal Campus will reduce organizational effectiveness and operational efficiency.

ADDITIONAL: No life cycle costs have been calculated at this time. This project is in compliance with current seismic requirements. Flood vulnerability determination for Naval Special Warfare Command projects has been accomplished by Naval Base Coronado and is part of the project planning process.

JOINT USE CERTIFICATION: N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	Dec/2017
(b) Percent of Design Completed as of Jan 2018:	15%
(c) Design or RFP Complete:	Mar/2019
(d) Total Design Cost ($000):	1,475
(e) Energy Study and/or Life Cycle Analysis Performed:	No
(f) Standard or Definitive Design Used:	No
(3) Construction Data:	
(a) Contract Award:	Jun/2019
(b) Construction Start:	Jan/2020
(c) Construction Complete:	Jul/2021

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2020	2,600

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
NAVAL BASE CORONADO, CALIFORNIA	SOF NSWG1 OPERATIONS SUPPORT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	143	P200	25,172

C4I Equipment	O&M, D-W	2020	1,260
Collateral Equipment	PROC, D-W	2020	600
C4I Equipment	PROC, D-W	2020	500

Naval Special Warfare Command
Telephone: (619) 437-9075

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
FORT CARSON, COLORADO	U.S. ARMY SPECIAL OPERATIONS COMMAND	1.08

6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF SEP 17	218	1,087	3	0	0	0	0	0	0	1,308
b. END FY 23	292	1,473	7	0	0	0	0	0	0	1,772

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	136,700
b. INVENTORY TOTAL AS OF SEP 17	84,144
c. AUTHORIZATION NOT YET IN INVENTORY (FY15-18)	8,243
d. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY19)	24,297
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY20)	0
f. PLANNED IN NEXT THREE PROGRAM YEARS (FY21-23)	19,926
g. REMAINING DEFICIENCY	0
h. GRAND TOTAL	136,610

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
171	SOF HUMAN PERFORMANCE TRAINING CENTER	3,226SM (34,730SF)	15,297	04/16	08/18
171	SOF MOUNTAINEERING FACILITY	1,672SM (18,000SF)	9,000	03/15	08/18

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY20)			
None			
b. Planned Next Three Years (FY21-23)			
214	SOF VEHICLE MAINTENANCE SHOP	2,080SM (22,400SF)	10,020
140	SOF GROUP HEADQUARTERS EXPANSION	1,858SM (20,000SF)	9,906

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTIONS

Support and training of organizations assigned to Fort Carson. Ensure the most efficient utilization of resources to operate Fort Carson and accomplish all assigned missions. Conduct mobilization operations to meet wartime requirements. Conduct operations in support of civil authorities in domestic emergencies. Special Operations Forces: Organize, train, equip, and validate readiness of special operations forces for world-wide deployment in support of combatant commanders.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

N/A

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT CARSON, COLORADO	SOF HUMAN PERFORMANCE TRAINING CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	79447	15,297

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				11,083
HUMAN PERFORMANCE TRAINING (CC17138) (34,730SF)	SM	3,226	3,400	(10,968)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(115)
SUPPORTING FACILITIES				2,221
UTILITIES	LS	--	--	(1,555)
SITE IMPROVEMENTS	LS	--	--	(390)
ROADS, SIDEWALKS AND PARKING	LS	--	--	(245)
AT/FP/PHYSICAL SECURITY MEASURES	LS	--	--	(31)

ESTIMATED CONTRACT COST				13,304
CONTINGENCY (5%)				665

SUBTOTAL				13,969
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				796

SUBTOTAL				14,765
DESIGN/BUILD - DESIGN COST (4%)				532

TOTAL REQUEST				15,297
TOTAL REQUEST (ROUNDED)				15,297
EQUIPMENT FROM OTHER APPROPRIATIONS				(4,753)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct a SOF Human Performance Training Center (HPTC) including human performance areas incorporating strength and conditioning, hydrotherapy, sports psychology, and sports medicine; cognitive awareness, library/resource room, multipurpose space, waiting/reception and administrative areas. Construction will consist of concrete foundation and floor slab with metal frame structure. Built-in building systems will include fire alarm/mass notification, fire suppression, energy management control, telephone and advanced unclassified and classified communications networks, cable TV, intrusion detection, closed circuit surveillance, and electronic access control systems and a hardened protected distribution system. Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development features will be included in the design and construction of this project as appropriate. Supporting facilities include site preparation, utilities (electrical, water, gas, sanitary sewer, chilled water, and information systems distribution), lighting, vehicle parking, access drives, curb and gutter, sidewalks, storm drainage, landscaping, roads, and other site improvements. Access for persons with disabilities will be provided. Comprehensive interior design and audio visual services are included.

11. REQUIREMENT: 3,226 SM (34,730 SF) **ADEQUATE:** 0 SM **SUBSTANDARD:** 1,542 SM (16,600 SF)
PROJECT: Construct a HPTC to support mission-focused physical requirements and demands in order to enable sustained peak performance for 849 operators assigned to the 10th Special Forces Group (Airborne).
REQUIREMENT: The human performance training program incorporates the latest training and

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT CARSON, COLORADO	SOF HUMAN PERFORMANCE TRAINING CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	79447	15,297

rehabilitation protocols on increasing combat performance, preventing injuries and decreasing recovery times of Army Special Operations Forces Soldiers. This program and facility will better prepare the Special Operations Soldiers to withstand the extraordinary physical demands and stress associated with high operational tempo and battlefield demands.

CURRENT SITUATION: No adequate facilities exist to fully accommodate the requirements of this program. These functions are operating in facilities not designed to support the equipment, training, and rehabilitation requirements.

IMPACT IF NOT PROVIDED: Special Operations Soldiers will continue to operate out of inadequately sized and configured temporary space. The ability to effectively and efficiently provide the improved training, rehabilitation protocols, and resilience support required to ensure the preparedness and success of the Special Forces Soldier to meet the demands required for the current operational tempo and battlefield requirements will be degraded.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development and this project is the only feasible option. This project shall be designed and constructed in accordance with Unified Facilities Criteria, DOD Building Code (General Building Requirements); Installation Architectural Compatibility Plan; other applicable DOD and Army Regulations; and applicable U.S Federal Environmental Laws and Regulations. This project will provide anti-terrorism/force protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with Department of Defense (DOD) Minimum Anti-Terrorism Standards for Buildings. The project site flood vulnerability determination has been accomplished by the installation and will be part of the project planning process; project site is located above the 100-year flood plain.

JOINT USE CERTIFICATION: N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	Apr/2016
(b) Percent of Design Completed as of Jan 2018:	15%
(c) Design or RFP Complete:	Aug/2018
(d) Total Design Cost ($000):	930
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Basis of design standard or definitive?	No
(3) Construction Data:	
(a) Contract Award:	Mar/2019
(b) Construction Start:	Sep/2019
(c) Construction Complete:	Mar/2021

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT CARSON, COLORADO	SOF HUMAN PERFORMANCE TRAINING CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	79447	15,297

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2020	3,920
C4I Equipment	O&M, D-W	2020	273
C4I Equipment	PROC, D-W	2020	560

US Army Special Operations Command
Telephone: (910) 432-1296

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT CARSON, COLORADO	SOF MOUNTAINEERING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	81899	9,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				6,449
MOUNTAINEERING TRAINING FACILITY (CC 17120) (18,000 SF)	SM	1,672	3,145	(5,258)
SPECIAL FOUNDATIONS	LS	--	--	(446)
BUILDING INFORMATION SYSTEMS	LS	--	--	(645)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(100)
SUPPORTING FACILITIES				1,661
UTILITIES	LS	--	--	(124)
ROADS, SIDEWALKS AND PARKING	LS	--	--	(300)
SITE IMPROVEMENTS	LS	--	--	(1,146)
AT/FP/PHYSICAL SECURITY MEASURES	LS	--	--	(91)

ESTIMATED CONTRACT COST				8,110
CONTINGENCY (5%)				405

SUBTOTAL				8,515
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				485

SUBTOTAL				9,000

TOTAL REQUEST				9,000
TOTAL REQUEST (ROUNDED)				9,000
EQUIPMENT FROM OTHER APPROPRIATIONS				(1,452)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct a single story SOF mountaineering training facility. The project includes space for classroom, administrative, operations, equipment and supply storage, organizational storage, deployment bay, and latrines. Construction will consist of deep pile foundations, elevated slab, steel tube columns, load bearing concrete masonry unit walls and a standing seam metal roof. Built-in building systems will include fire detection and suppression, energy management control, telephone, unclassified and classified communications networks, cable TV, protected distribution system, and infrastructure for electronic access control systems (intrusion detection system, closed circuit surveillance, and electronic access control). Project includes the installation of electronic security system equipment (equipment is funded by other appropriations). Supporting facilities include site preparation, utilities (electrical, water, gas, sanitary sewer, and information systems distribution), lighting, vehicle parking, access drives and road, curb and gutter, sidewalks, storm drainage, landscaping, and other site improvements. Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development features will be included in the design and construction of this project as appropriate. Access for persons with disabilities will be provided. Services for Comprehensive Interior Design, and design of electronic security and audio visual systems are included.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT CARSON, COLORADO	SOF MOUNTAINEERING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	81899	9,000

11. REQUIREMENT: 1,672 SM (18,000 SF) **ADEQUATE:** 0 SM **SUBSTANDARD:** 348 SM (3,745 SF)

PROJECT: Construct a mountaineering training facility for 10th Special Forces Group (Airborne) (10th SFG(A)) at Fort Carson, Colorado. (Current Mission)

REQUIREMENT: Provide facilities for the 10th SFG(A) to support advanced mountaineering skills training for soldiers. The advanced skills training incorporates the latest training and protocols on increasing combat performance by preparing Special Operations Soldiers to withstand the physical demands of mountainous terrain and elevation similar to battlefield conditions.

CURRENT SITUATION: Mission essential training is being conducted in a substandard and temporary building undersized for the operator trainee load. No facilities are available on Fort Carson to meet the training requirements that include safe transition from classroom to the mountainous terrain.

IMPACT IF NOT PROVIDED: The number of annually scheduled courses will be limited by existing substandard facilities and will impact the quality of training. Significant operations and maintenance expenditures will continue to be required to maintain buildings' habitable condition.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development and this project is the only feasible option. This project shall be designed and constructed in accordance with the Unified Facilities Criteria, DOD Building Code (General Building Requirements); Installation Architectural Compatibility Plan; other applicable DOD and Army Regulations; and applicable U.S Federal Environmental Laws and Regulations. This project will provide anti-terrorism/force protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with Department of Defense (DOD) Minimum Anti-Terrorism Standards for Buildings. The project site flood vulnerability determination has been accomplished by the installation and will be part of the project planning process; project site is located above the 100-year flood plain.

JOINT USE CERTIFICATION: N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design Bid Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	Mar/2015
(b) Percent of Design Completed as of Jan 2018:	35%
(c) Design or RFP Complete:	Aug/2018
(d) Total Design Cost ($000):	680
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Basis of design standard or definitive?	No
(3) Construction Data:	
(a) Contract Award:	Mar/2019
(b) Construction Start:	Jun/2019
(c) Construction Complete:	Dec/2020

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT CARSON, COLORADO	SOF MOUNTAINEERING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	81899	9,000

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2020	862
C4I Equipment	O&M, D-W	2020	194
C4I Equipment	PROC, D-W	2020	396

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1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
FORT CAMPBELL, KENTUCKY	U.S. ARMY SPECIAL OPERATIONS COMMAND	.97

6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF SEP 17	629	2,556	181	0	0	0	0	0	0	3,366
b. END FY 23	770	3,171	187	0	0	0	0	0	0	4,128

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	104,553
b. INVENTORY TOTAL AS OF SEP 17	346,012
c. AUTHORIZATION NOT YET IN INVENTORY (FY15-18)	30,553
d. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY19)	19,664
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY20)	0
f. PLANNED IN NEXT THREE PROGRAM YEARS (FY21-23)	93,109
g. REMAINING DEFICIENCY	0
h. GRAND TOTAL	489,338

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
179	SOF AIR/GROUND INTEGRATION URBAN LIVE FIRE RANGE	1 EA	9,091	02/17	09/18
141	SOF LOGISTICS SUPPORT OPERATIONS FACILITY	1,147 SM (12,346 SF)	5,435	06/16	09/18
179	SOF MULTI-USE HELICOPTER TRAINING FACILITY	1 EA	5,138	06/16	09/18

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY20)			
None			
b. Planned Next Three Years (FY21-23)			
140	SOF OPERATIONS FACILITY	743 SM (8,000SF)	3,467
140	SOF REGIMENT AND BATTALION HEADQUARTERS	3,530 SM (38,000SF)	16,840
141	SOF SOAT-B HEADQUARTERS	4,900 SM (53,000SF)	23,515
214	SOF TACTICAL EQUIPMENT MAINTENANCE FACILITY	2,600 SM (28,000SF)	12,178
173	SOF HEAVY DROP RIGGING FACILITY	2,500 SM (27,000SF)	11,881
171	SOF HUMAN PERFORMANCE TRAINING CENTER	1,900 SM (20,000SF)	15,327
171	SOF ADVANCED SKILLS COMPANY FACILITY	2,000 SM (22,000SF)	9,901

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTIONS

Support and training of the 101st Airborne Division (Air Assault), major combat and combat support forces, special operations forces, reserve component training, and other tenant and satellite activities and units. Special Operations Forces: organize, train, equip, and validate readiness of special operations forces for world-wide deployment in support of combatant commanders

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

N/A

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT CAMPBELL, KENTUCKY	SOF AIR/GROUND INTEGRATION URBAN LIVE FIRE RANGE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	179	67039	9,091

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				8,192
AIR/GROUND URBAN LIVE FIRE RANGE (CC17997)	EA	1	8,066,000	(8,066)
SUPPORTING FACILITIES				125
UTILITIES	LS			(50)
ROADS, SIDEWALKS AND PARKING	LS	--	--	(35)
SITE IMPROVEMENTS	LS	--	--	(40)

ESTIMATED CONTRACT COST				8,191
CONTINGENCY (5%)				410

SUBTOTAL				8,601
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				490

TOTAL REQUEST				9,091
TOTAL REQUEST (ROUNDED)				9,091
EQUIPMENT FROM OTHER APPROPRIATIONS				(1,209)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct a range for integrated air and ground assault, maneuver, and live fire operations supporting realistic training objectives. Construction consists of concrete foundations and floor slabs, masonry walls with flat and sloped roof types. Supporting facilities include all related site-work and utilities (electrical, water, gas, sanitary sewer, and information systems distribution), security fencing, privately owned vehicle parking, access drives, roads, curb and gutter, sidewalks, storm drainage and treatment structures, signage, landscaping, and other site improvements.

11. REQUIREMENT: 1 EA **ADEQUATE:** None **SUBSTANDARD:** None

PROJECT: Construct an Air-Ground Integration Urban Live Fire Range.

REQUIREMENT: The majority of direct action missions in ongoing contingency operations are expected to occur in built environments including urban areas, villages, small towns, farm houses, etc. Ground forces and air assets are required to conduct coordinated operations in and around urban environments and engage enemy forces within those environments, often at extremely close distances.

CURRENT SITUATION: No training facility exists that permits air and ground units to train as they fight conducting transport, air assault, live fire, and maneuver in an urban environment while engaging targets at danger close distances.

IMPACT IF NOT PROVIDED: Units will not have exposure to the technical requirements associated with integrating air and ground forces in a consolidated effort against enemy forces in an urban environment at danger close distances prior to executing in combat.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development and this project is the only feasible option. This project shall be designed and constructed in accordance with Unified Facilities Criteria, DOD Building Code (General Building Requirements); Installation Architectural Compatibility Plan; other applicable DOD and Army Regulations; and applicable U.S Federal Environmental Laws and Regulations. This project will provide anti-terrorism/force protection

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT CAMPBELL, KENTUCKY	SOF AIR/GROUND INTEGRATION URBAN LIVE FIRE RANGE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	179	67039	9,091

(AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with Department of Defense (DOD) Minimum Anti-Terrorism Standards for Buildings. The project site flood vulnerability determination has been accomplished by the installation and will be part of the project planning process. A portion of the project site is located in the 100-year flood plain; however, no significant facility damage is expected from a 100-year flood event.

JOINT USE CERTIFICATION: N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

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/2017
(b) Percent of Design Completed as of Jan 2018:	35%
(c) Design or RFP Complete:	Sep/2018
(d) Total Design Cost ($000):	930
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Basis of design standard or definitive?	No
(3) Construction Data:	
(a) Contract Award:	Mar/2019
(b) Construction Start:	Jun/2019
(c) Construction Complete:	Jun/2021

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2020	721
C4I Equipment	O&M, D-W	2020	162
C4I Equipment	PROC, D-W	2020	326

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1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT CAMPBELL, KENTUCKY	SOF LOGISTICS SUPPORT OPERATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	141	66813	5,435

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				3,504
LOGISTICS SUPPORT OPERATIONS FAC (CC14185) (12,346 SF)	SM	1,147	2,915	(3,344)
BUILDING INFORMATION SYSTEMS	LS	--	--	(100)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(60)
SUPPORTING FACILITIES				1,223
UTILITIES	LS	--	--	(510)
ROADS, SIDEWALKS AND PARKING	LS	--	--	(400)
SITE IMPROVEMENTS	LS	--	--	(300)
AT/FP/PHYSICAL SECURITY MEASURES	LS	--	--	(13)

ESTIMATED CONTRACT COST				4,727
CONTINGENCY (5%)				236

SUBTOTAL				4,963
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				283

SUBTOTAL				5,246
DESIGN/BUILD - DESIGN COST (4%)				189

TOTAL REQUEST				5,435
TOTAL REQUEST (ROUNDED)				5,435
EQUIPMENT FROM OTHER APPROPRIATIONS				(807)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct a medical support operations center to include administrative space for medical personnel, soldier screening, training, and supply area. Facility will include fire detection and suppression and access control systems. Construction consists of a concrete foundation and floor slab, steel frame structure and a standing seam metal roof. Supporting facilities will include all utilities, privately owned vehicle parking, walks, curbs and gutters, storm drainage and other site improvements. Access for handicapped persons will be provided. Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development features will be included in the design and construction of this project as appropriate.

11. REQUIREMENT: 1,147 SM(12,346 SF) **ADEQUATE:** 0 SM **SUBSTANDARD:** 790 SM(8,500 SF)

PROJECT: Provide a SOF Logistics Support Operations Facility for the 160th Special Operations Aviation Regiment.

REQUIREMENT: This project provides a medical support operations center for Headquarter and Headquarters Company (HHC), 1st Battalion, and 2nd Battalion, 160th SOAR as well as the Special Operations Aviation Training Battalion at Fort Campbell. Unit's organic medical staff and facilities help the unit facilitate recurring personnel readiness functions that help sustain the 160th's ongoing readiness Posture for the National Command Authorities' requirements for limited or no notice deployment criteria.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT CAMPBELL, KENTUCKY	SOF LOGISTICS SUPPORT OPERATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	141	66813	5,435

During a June 2015 Installation Planning Board Review meeting, installation staff acknowledged the garrison is unable to sustain this recurring readiness requirement. This requirement was part of the HHC company operations original facility program and is a supplemental facility to the existing building. The facility will improve the unit's ability to sustain medical readiness and personnel deployment criteria. The 160th SOAR conducts air operations in any operational environment across the spectrum of conflict and organizes, trains, validates, sustains, and employs assigned aviation resources for missions.

CURRENT SITUATION: The existing facility is located in a converted administrative building and is one of the busiest medical support centers on the Installation. Currently there is not enough space for efficient soldier flow. Some offices are in cubicles and do not provide HIPAA required sound privacy. Current facility is located along the flight line; the real estate and facility function are not compatible with flight operations or aviation specific functions. This facility's use is not compatible with flight operations and therefore should not be located along the flight line. Space to store medicine in critical climate controlled storage is inadequate; supplies are currently dispersed in several places with some in an unconditioned prefabricated metal building behind the facility. The Readiness Area does not allow for proper segregation of medication preparation, such as critical vaccines, posing a safety hazard to patients.

IMPACT IF NOT PROVIDED: The staff will continue to operate in inadequate facilities under less than optimal conditions resulting in reduced capacity to sustain the ongoing readiness posture of the Regiment. In addition, real estate along the flight line is needed for redevelopment for flight operations or aviation specific functions and continuing to utilize this facility along the flight line further diminishes opportunities to develop and improve other aspects of readiness and deployment capabilities.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development and this project is the only feasible option. This project shall be designed and constructed in accordance with the Unified Facilities Criteria, DOD Building Code (General Building Requirements); Installation Architectural Compatibility Plan; other applicable DOD and Army Regulations; and applicable U.S Federal Environmental Laws and Regulations. This project will provide anti-terrorism/force protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with Department of Defense (DOD) Minimum Anti-Terrorism Standards for Buildings. The project site flood vulnerability determination has been accomplished by the installation and will be part of the project planning process; project site is located above the 100-year flood plain.

JOINT USE CERTIFICATION: N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	Jun/2016
(b) Percent of Design Completed as of January 2018:	15%
(c) Design or RFP Complete:	Sep/2018
(d) Total Design Cost ($000):	550
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Basis of design standard or definitive?	Yes
(3)Construction Data:	

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT CAMPBELL, KENTUCKY	SOF LOGISTICS SUPPORT OPERATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	141	66813	5,435

(a) Contract Award: Mar/2019
(b) Construction Start: Sep/2019
(c) Construction Complete: Sep/2020

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2020	439
C4I Equipment	O&M, D-W	2020	118
C4I Equipment	PROC, D-W	2020	250

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1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT CAMPBELL, KENTUCKY	SOF MULTI-USE HELICOPTER TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	179	87438	5,138

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				4,099
MULTI-USE HELICOPTER TRNG FAC (CC17983)	EA	1	--	(3,540)
RANGE SUPPORT FACILITY (CC17123) (1,840 SF)	SM	171	3,184	(544)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(15)
SUPPORTING FACILITIES				530
UTILITIES	LS	--	--	(375)
ROADS, SIDEWALKS AND PARKING	LS	--	--	(5)
SITE IMPROVEMENTS	LS	--	--	(150)

ESTIMATED CONTRACT COST				4,629
CONTINGENCY (5%)				232

SUBTOTAL				4,861
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				277

TOTAL REQUEST				5,138
TOTAL REQUEST (ROUNDED)				5,138
EQUIPMENT FROM OTHER APPROPRIATIONS				(750)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct a Multi-Use Helicopter Training Facility (MUHT). Primary facilities include the MUHT tower and landing deck, elevated platforms, courtyard trainer, storage building and range vault latrine. Construction will consist of concrete foundations, grade slabs, steel tube columns and flat concrete roofs with parapet wall. Supporting facilities include electric service, storm drainage, and other site improvements. Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development features will be included in the design and construction of this project as appropriate.

11. REQUIREMENT: 1 EA **ADEQUATE:** None **SUBSTANDARD:** None

PROJECT: Construct an MUHT Facility at Fort Campbell, KY.

REQUIREMENT: The MUHT is a Mission Essential Task List (METL) focused training platform for Special Operations to allow the 160th Special Operations Aviation Regiment (Airborne) air crews to train realistically on basic and advanced helicopter skills required to ensure proficiency on METL tasks. Flight Deck Landing Pattern or painting lines on pavement does not facilitate realistic conditions that the 160th SOAR air crews require to conduct multi-phase approach rehearsals on denied ships or terrain, tasks critical to the unit METL. The MUHT will facilitate safer and realistic training on basic and advanced proficiencies for personnel prior to operating in unforgiving overwater or high building environments as part of a full mission profile event. The elevated platform is critical to providing realistic conditions needed to develop individual and crew proficiencies in Maritime Interdiction Operations, Visit Board Search and Seizure, and Underway Vessel takedown rehearsal ship assaults. It is not intended to facilitate helicopter

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT CAMPBELL, KENTUCKY	SOF MULTI-USE HELICOPTER TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	179	87438	5,138

training on approaches and landings on a friendly ship or to maintain pilot currencies. As a proximate land-based training platform on Fort Campbell the project will reduce costs of TDY, flying hours, safety boats, and Search and Rescue Aircraft and will provide a stable iterative training platform for new crews and operators and will incorporate lessons learned from war.

CURRENT SITUATION: The aging Special Helicopter Operations Complex (SHOC) training facility being used extensively to train basic and advanced skills on helicopter infiltration and exfiltration techniques does not provide a rooftop / sea vessel configuration for follow-on non-kinetic direct action training by ground customers. Most of the SHOC's current training objectives are constructed of reused shipping containers not constructed to handle helicopter weight and rotor wash with only partial landing skid touches possible. Training for the tower and deck landing objectives are only by real life scenarios on actual buildings and ships at sea, where all training accidents to date have occurred. The ability to train prior to the real life scenarios will reduce training injuries.

IMPACT IF NOT PROVIDED: The regiment will continue to operate in an unforgiving overwater or high building environment without full training in a realistic setting. Pilot operational readiness will be untested in these scenarios prior to the mission and could result in equipment loss and lost time accidents. The regiment will continue to assemble and craft training exercise structures using shipping containers and other non-permanent materials unsound for realistic landing exercises. Travel to the urban / sea areas required for rooftop and overwater training will continue to incur costs.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development and this project is the only feasible option. This project shall be designed and constructed in accordance with the Unified Facilities Criteria, DOD Building Code (General Building Requirements); Installation Architectural Compatibility Plan; other applicable DOD and Army Regulations and UFCs; and applicable U.S Federal Environmental Laws and Regulations. This project will provide anti-terrorism/force protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with Department of Defense (DOD) Minimum Anti-Terrorism Standards for Buildings. The project site flood vulnerability determination has been accomplished by the installation and will be part of the project planning process; project site is located above the 100-year flood plain.

JOINT USE CERTIFICATION: N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data:	
(1) Acquisition Strategy:	Design Bid Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	Jun/2016
(b) Percent of Design Completed as of Jan 2018:	35%
(c) Design or RFP Complete:	Sep/2018
(d) Total Design Cost ($000):	930
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Basis of design standard or definitive?	No
(3) Construction Data:	
(a) Contract Award:	Mar/2019

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT CAMPBELL, KENTUCKY	SOF MULTI-USE HELICOPTER TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	179	87438	5,138

(b) Construction Start: Jun/2019

(c) Construction Complete: Mar/2021

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2020	402
C4I Equipment	O&M, D-W	2020	98
C4I Equipment	PROC, D-W	2020	250

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1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
FORT BRAGG, NC	JOINT SPECIAL OPERATIONS COMMAND	.87

6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF SEP 17	326	723	649	0	0	0	0	0	0	1,698
b. END FY 23	326	723	649	0	0	0	0	0	0	1,698

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	399
b. INVENTORY TOTAL AS OF SEP 17	303,018
c. AUTHORIZATION NOT YET IN INVENTORY (FY15-18)	87,400
d. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY19)	12,109
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY20)	16,475
f. PLANNED IN NEXT THREE PROGRAM YEARS (FY21-23)	94,797
g. REMAINING DEFICIENCY	95,800
h. GRAND TOTAL	609,599

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
178	SOF REPLACE TRAINING MAZE AND TOWER	1,210 SM (13,000 SF)	12,109	03/17	06/18

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY20)			
140	SOF OPERATIONS FACILITY	650 SM (7,000 SF)	3,475
144	SOF OPERATIONS SUPPORT BUILDING	2,800 SM (30,100 SF)	12,908
b. Planned Next Three Years (FY21-23)			
140	SOF OPERATIONS FACILITY	4,645 SM (50,000 SF)	39,621
140	SOF MILITARY WORKING DOG FACILITY	1,115 SM (12,000 SF)	9,658
171	SOF CLOSE QUARTERS COMBAT RANGE	2,973 SM (32,000 SF)	7,033
173	SOF BAFFLE CONTAINMENT FOR RANGE 19C	2,787 SM (30,000 SF)	6,948
140	SOF ARMS ROOM ADDITION	975 SM (10,500 SF)	4,458
171	SOF SERE TRAINING FACILITY	4,283 SM (10,500 SF)	13,168
442	SOF DEPLOYMENT FACILITY	2,787 SM (30,000 SF)	8,911
140	SOF OPERATIONS BUILDING	929 SM (10,000 SF)	5,000

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTIONS

The Joint Special Operations Command is a joint headquarters designed to study special operations requirements and techniques; ensure operability and equipment standardization; plan and conduct special operations exercises and training; and develop joint special operations tactics. Fort Bragg Installation's mission is supporting and training of 18th Airborne Corps, major combat and combat support forces, special operations forces, reserve component training, and other tenant and satellite activities and units.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

N/A

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT BRAGG, NORTH CAROLINA	SOF REPLACE TRAINING MAZE & TOWER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140415BB	178	69251	12,109

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				9,734
LIVE FIRE TOWER & MAZE (CC17879)(13,000 SF)	SM	1,210	8,044	(9,734)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(0)
SUPPORTING FACILITIES				1,176
SPECIAL CONSTRUCTION FEATURES (EXHAUST SYSTEM)	LS	--	--	(436)
UTILITIES	LS	--	--	(350)
ROADS, SIDEWALKS AND PARKING	LS	--	--	(100)
AT/FP/PHYSICAL SECURITY MEASURES	LS	--	--	(290)

ESTIMATED CONTRACT COST				10,910
CONTINGENCY (5%)				546

SUBTOTAL				11,456
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				653

TOTAL REQUEST				12,109
TOTAL REQUEST (ROUNDED)				12,109
EQUIPMENT FROM OTHER APPROPRIATIONS				(183)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: This project will construct a three story Live Fire Tower and a single story Live Fire Ballistic Training Maze, project includes a four story rigid steel frame, AR-500 steel plate, ballistic block and ballistic panel live-fire facility capable of up to 7.62mm rounds at high volume and a four story rigid steel frame with AR-500 steel plate, ballistic block and ballistic panel live-fire stair tower capable of up to 7.62mm rounds at high volume. Included are utilities, mechanical and architectural features, force protection, fire detection and dry-pipe suppression systems, communications, special training equipment areas, training space parking, and erosion control measures. Environmental ventilation for the project will be determined by an analysis conducted by the architect/engineer during the design phase. For planning purposes, the ventilation system is assumed to provide adequate protection for personnel using the facility. Air-conditioning, and sustainability and energy features are not required for this project. Project includes removal of existing training facility O19C3 and associated site work. The unit completed an extensive Facility Master Planning effort in January 2007 to address documented aggregate facility space deficit of 187,000 SF. This project will provide 13,000 SF of the 187,000 SF deficit.

11. REQUIREMENT: 1,210 SM (13,000 SF) **ADEQUATE:** 0 SM **SUBSTANDARD:** 1,210 SM (13,000 SF)

PROJECT: Construct a three story training live-fire ballistic tower and a single story live-fire ballistic training maze capable of up to 7.62mm high volume.

REQUIREMENT: The project is required to provide adequate space for a unit assigned to the US Army Special Operations Command. The three story addition will provide live-fire capability for 7.62mm weapons and the single-story maze will also provide live-fire capability for up to 7.62mm weapons. The area will also provide training and storage space for the mission equipment and targets.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT BRAGG, NORTH CAROLINA	SOF REPLACE TRAINING MAZE & TOWER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140415BB	178	69251	12,109

CURRENT SITUATION: The current space does not provide training space to accommodate assigned personnel and equipment or projected future assignments. Existing facilities were originally constructed in 1987 and have reached their life-cycle expectancy.

IMPACT IF NOT PROVIDED: The existing maze and tower are over 30 years old and are constructed of very high maintenance material (sand walls/plywood) that does not meet the standards required for high volume live-fire training. No space currently exists to provide the necessary requirements.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to satisfy the requirement. This project has been coordinated with the installation physical security plan, and all physical security measures are included. Storm water management Low Impact Development will be included in the project as appropriate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13693 and other applicable laws and Executive Orders. This project does not construct facilities within the 100-year floodplain and therefore requires no flood mitigation measures to be incorporated.

JOINT USE CERTIFICATION: N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Strategy:

(1) Acquisition Strategy:	Design-Bid-Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	Mar/2017
(b) Percent of Design Completed as of Jan 2018:	35%
(c) Design or RFP Complete:	Jun/2018
(d) Total Design Cost ($000):	$1,035
(e) Energy Study and/or Life-Cycle Analysis Performed:	No
(f) Standard or definitive design used?	No
(3) Construction Data:	
(a) Contract Award:	Jan/2019
(b) Construction Start Date:	Mar/2019
(c) Construction Complete:	Mar/2020

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2020	183

Joint Special Operations Command
Telephone: (910) 243-0550

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
FORT BRAGG, NORTH CAROLINA	US ARMY SPECIAL OPERATIONS COMMAND	.87

6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF SEP 17	1,820	7,792	1,354	2,304	11,832	24	0	0	0	25,126
b. END FY 23	1,819	7,796	685	2,840	12,329	24	0	0	0	25,493

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	162,029
b. INVENTORY TOTAL AS OF SEP 17	941,974
c. AUTHORIZATION NOT YET IN INVENTORY (FY15-18)	283,074
d. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY19)	20,257
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY20)	46,984
f. PLANNED IN NEXT THREE PROGRAM YEARS (FY21-23)	89,018
g. REMAINING DEFICIENCY	392,000
h. GRAND TOTAL	1,973,307

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
171	SOF SERE RESISTANCE TRAINING LABORATORY COMPLEX	2,220SM (23,896SF)	20,257	01/17	09/18

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY20)			
173	SOF ASSESSMENT AND SELECTION TRAINING COMPLEX	3,716 SM (40,000 SF)	9,833
141	SOF GROUP HEADQUARTERS	8,454 SM (91,000 SF)	19,859
171	SOF HUMAN PERFORMANCE TRAINING CENTER	3,716 SM (40,000 SF)	17,292
b. Planned Next Three Years (FY21-23)			
218	SOF TACTICAL EQUIPMENT MAINTENANCE FCILITY	1,200 SM (12,920 SF)	7,936
140	SOF BATTALION OPERATIONS FACILITY	11,520 SM (124,000 SF)	40,218
140	SOF MILITARY INTELLIGENCE BATTALION OPS FACILITY	6,225 SM (67,000 SF)	11,271
153	SOF SUPPLY SUPPORT ACTIVITY	3,252 SM (35,000 SF)	7,925
171	SOF TRAINING AND OPERATIONS FACILITY	1,570 SM (16,900 SF)	10,897
140	SOF DEPLOYMENT READINESS CENTER	2,090 SM (22,500 SF)	8,915
140	SOF RENOVATE H-2639	3,716 SM (40,000 SF)	6,355
140	SOF USASOC HQ SECURE OPERATIONS	9,290 SM (100,000 SF)	48,540
173	SOF MULTI-PURPOSE RANGE SUPPORT	1,579 SM (17,000 SF)	7,426
214	SOF VEHICLE MAINTENANCE FACILITY	2,295 SM (24,700 SF)	12,376
173	SOF MACKALL COMPANY OPERATIONS FACILITY	786 SM (8,460 SF)	12,248
140	SOF COMMAND AND CONTROL FACILITY	7,432 SM (80,000 SF)	58,811
140	SOF JOINT INTELLIGENCE CENTER	6,968 SM (75,000 SF)	56,100

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTIONS

Support and training of 18th Airborne Corps (Airborne), major combat and combat support forces, special operations forces, reserve component training, and other tenant and satellite activities and units. Special Operations Forces: organize, train, equip, and validate readiness of special operations forces for world-wide deployment in support of combatant commanders.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES; N/A

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT BRAGG, NORTH CAROLINA	SOF SERE RESISTANCE TRAINING LABORATORY COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	80774	20,257

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				13,304
LIMITED USE INSTRUCTION FACILITY(CC17138)(23,896 SF)	SM	2,220	3,290	(7,304)
PRISONER OF WAR TRAINING AREA (CC17949)	EA	1	5,570	(5,570)
BUILDING INFORMATION SYSTEMS	LS	--	--	(210)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(220)
SUPPORTING FACILITIES				4,313
UTILITIES				(2,680)
ROADS, SIDEWALKS AND PARKING	LS	--	--	(120)
SITE IMPROVEMENTS	LS	--	--	(1,213)
INFORMATION SYSTEMS				(115)
AT/FP/PHYSICAL SECURITY MEASURES	LS	--	--	(185)

ESTIMATED CONTRACT COST				17,617
CONTINGENCY (5%)				881

SUBTOTAL				18,498
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,054

SUBTOTAL				19,552
DESIGN/BUILD - DESIGN COST (4%)				705

TOTAL REQUEST				20,257
TOTAL REQUEST (ROUNDED)				20,257
EQUIPMENT FROM OTHER APPROPRIATIONS				(2,697)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct a limited use instruction facility, prisoner of war training area, and entry control point. Provide standby emergency electrical generator, fire alarm/mass notification, fire suppression system, telephone and advanced unclassified and classified communications networks, intercom system, closed circuit surveillance and electronic access control systems, integrated commercial intrusion detection system, cable TV, a protected distribution system, and connection to the energy management control system. Construction consists of a concrete foundation and floor slab with a metal frame and masonry structure. Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development features will be included in the design and construction of this project as appropriate. Supporting facilities include utilities (electrical, water, sanitary sewer, and information systems distribution), lighting, vehicle parking, access road, storm drainage, landscaping, area fencing and other site improvements. Supporting facilities are costlier due to long utility runs to the remote project site. Comprehensive interior design, electronic security systems, and audio visual services are included.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT BRAGG, NORTH CAROLINA	SOF SERE RESISTANCE TRAINING LABORATORY COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	80774	20,257

11. REQUIREMENT: 2,220 SM (23,896 SF) **ADEQUATE:** 0 SM **SUBSTANDARD:** 1,539 SM (16,565 SF)

PROJECT: Construct a limited instruction facility and prisoner of war training area for the United States Army John F. Kennedy Special Warfare Center and School.

REQUIREMENT: This project is required to provide a Resistance Training Laboratory Complex for the Survive, Evade, Resist and Escape (SERE) course to meet the full spectrum of captivity field training including wartime, hostage detention and peacetime governmental detention per the Core Captivity Curriculum from the Joint Personnel Recovery Agency in support of 120 students and 72 Cadre. The new facility will enable SERE instructors to conduct at least 16 classes annually.

CURRENT SITUATION: Currently there are no facilities available for peacetime governmental detention training. Wartime training is conducted in a complex of temporary wooden structures built in 1986 and relocatable facilities altered to meet the training requirements that continue to rely heavily on sustainment funding.

IMPACT IF NOT PROVIDED: The SERE course will continue to occupy dilapidated and undersized facilities. The number and frequency of classes have increased such that the time between training events does not allow sufficient time to conduct required maintenance necessary to keep this outdated facility safe and operational. With the student load growth from 48 to 120 students per class, the current facility will continue to restrict the ability to incorporate a full spectrum of captivity field training environments.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development and this project is the only feasible option. This project shall be designed and constructed in accordance with the Unified Facilities Criteria, DOD Building Code (General Building Requirements); Installation Architectural Compatibility Plan; other applicable DOD and Army Regulations; and applicable U.S. Federal Environmental Laws and Regulations. This project will provide anti-terrorism/force protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with DOD Minimum Anti-Terrorism Standards for Buildings. The project site flood vulnerability determination has been accomplished by the installation and will be part of the project planning process; project site is located above the 100-year flood plain.

JOINT USE CERTIFICATION: N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data:	
(1) Acquisition Strategy:	Design Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	Jan/2017
(b) Percent of Design Completed as of Jan 2018:	15%
(c) Design or RFP Complete:	Sep/2018
(d) Total Design Cost ($000):	1,230
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Basis of design standard or definitive?	No
(3) Construction Data:	
(a) Contract Award:	Mar/2019
(b) Construction Start:	Sep/2019
(c) Construction Complete:	May/2021

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT BRAGG, NORTH CAROLINA	SOF SERE RESISTANCE TRAINING LABORATORY COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	80774	20,257

B. Equipment Associated With this Project Which Will be Provided From Other Appropriations:

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2020	1,607
C4I Equipment	O&M, D-W	2020	362
C4I Equipment	O&M, D-W	2020	728

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
NAVAL AIR STATION OCEANA, DAM NECK ANNEX, VIRGINIA BEACH, VA	JOINT SPECIAL OPERATIONS COMMAND	0.92

6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF SEP 17	171	1197	494	0	0	0	0	0	0	1862
b. END FY 23	170	1197	494	0	0	0	0	0	0	1861

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	333
b. INVENTORY TOTAL AS OF SEP 17	288,547
c. AUTHORIZATION NOT YET IN INVENTORY (FY15-18)	12,900
d. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY19)	8,959
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY20)	11,618
f. PLANNED IN NEXT THREE PROGRAM YEARS (FY21-23)	70,729
g. REMAINING DEFICIENCY	0
h. GRAND TOTAL	392,753

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
421	SOF MAGAZINES	1,090 SM (11,700 SF)	8,959	10/17	01/19

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY20)			
171	SOF DEMOLITION TRAINING COMPOUND EXPANSION	773 SM (8,320 SF)	11,618
b. Planned Next Three Years (FY21-23)			
171	SOF TRAINING FACILITY ADDITION	2,105 SM (22,650 SF)	12,178
911	CAMP PENDLETON LAND INITIATIVE (PHASE 1)	121 HA (300 AC)	11,887
178	SOF MULTI-PURPOSE RANGE	6,273 SM (67,500 SF)	31,700
140	SOF OPERATIONS BUILDING ADDITION	2,686 SM (28,900 SF)	11,554
140	SOF RENOVATE OPERATIONS FACILITY	2,601 SM (28,000 SF)	3,410

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTIONS

The Naval Special Warfare Development Group (NSWDG) mission is to research, develop, test and evaluate current and emerging technologies applicable to Naval Special Warfare forces. Also, to develop Maritime, Ground, and Airborne Tactics for Naval Special Warfare and possible Department of Defense application.

The mission of Naval Special Warfare Command is to organize, man, train, equip, educate, sustain, maintain combat readiness and deploy Naval Special Warfare Forces to accomplish Special Operations Missions.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES N/A

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
NAVAL AIR STATION OCEANA, DAM NECK ANNEX, VIRGINIA VEACH, VA	SOF MAGAZINES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140415BB	421	P834	8,959

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				4,979
HIGH EXPLOSIVE MAGAZINES (CC 42122) (8,720SF)	SM	810	3,486	(2,824)
MAGAZINE SUPPORT BUILDING (CC 14320) (3,013SF)	SM	280	2,392	(670)
INFORMATION SYSTEMS	LS	--	--	(200)
ANTI-TERRORISM/FORCE PROTECTION	LS	--	--	(60)
CYBERSECURITY	LS	--	--	(230)
BUILT-IN EQUIPMENT	LS	--	--	(60)
SPECIAL COSTS	LS	--	--	(290)
OPERATION & MAINTENANCE SUPPORT INFORMATION (OMSI)	LS	--	--	(40)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(605)
SUPPORTING FACILITIES				3,093
SITE PREPARATIONS	LS	--	--	(610)
SPECIAL FOUNDATION FEATURES	LS	--	--	(450)
PAVING AND SITE IMPROVEMENTS ELECTRICAL	LS	--	--	(550)
UTILITIES	LS	--	--	(600)
MECHANICAL UTILITIES	LS	--	--	(250)
ENVIRONMENTAL MITIGATION	LS	--	--	(250)
DEMOLITION (5,920 SF)	LS	--	--	(383)

SUBTOTAL				8,072
CONTINGENCY (5.0%)				404

TOTAL CONTRACT COST				8,476
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				483

TOTAL REQUEST				8,959
TOTAL REQUEST (ROUNDED)				8,959
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				(170)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: This project constructs new earth-covered magazines for the storage of high explosives (HE) to replace obsolete World War II magazines. The magazines will be aligned to allow a consolidated concrete apron to be used for loading and unloading operations. In addition, a new Ordnance Support Building will be provided to house workshop, processing and storage areas and replace the temporary structure currently in use. All design and construction shall be in accordance with latest DOD guidelines and shall require approval by the Department of Defense Explosives Safety Board (DDESB). Built-in equipment includes a flag pole for display of operational warning flags and an air compressor for shop equipment. Special costs include Post Construction Award Services (PCAS). OMSI is included in this project. Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Site improvements include re-use of the cover soil from the demolished magazines

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
NAS OCEANA, DAM NECK ANNEX, VIRGINIA BEACH, VA	SOF MAGAZINES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140415BB	421	P834	8,959

to cover the new magazines, construction of a concrete apron within the access roadway along the frontage of the new magazines to support loading and unloading operations, paved access to the Ordnance Support Building and the relocation of security fencing. Site preparation includes site clearing, excavation and preparation for construction. Special foundation features include treated timber piles, pile caps and grade beams. Paving and site improvements include grading, parking, roadways, curbs, sidewalks, landscaping, fencing, signs and storm water drainage. Electrical utilities include primary and secondary distribution systems, lighting, transformers and telecommunications infrastructure. Mechanical utilities include fire protections systems and supply lines. This project includes environmental mitigation for natural, cultural and environmental resources. Demolition includes the removal of seven existing HE magazines which include Buildings #317, 318, 319, 320, 321, 364 and 365. Each magazine is approximately 60 SM and constructed of reinforced concrete. In addition, Building #324 (130 SM) will be demolished and replaced by the new Ordnance Support Building.

11. REQUIREMENT: 1,090 SM (11,700 SF) **ADEQUATE:** 0 SM **SUBSTANDARD:** 550 SM (5,900 SF)

PROJECT: Constructs four new standard design, earth covered magazines for storage of high explosives and support space for workshop, processing and storage of materials used in the shipment and transfer of ordnance. (Current Mission)

REQUIREMENT: Adequately sized and configured HE Magazines at NAS Oceana Dam Neck Annex, are required to support weapons for the development of Naval Special Warfare tactics and techniques.

CURRENT SITUATION: Naval Special Warfare Development Group (NSWDG) currently operates with 1940's era magazines that are undersized and deteriorated. These structures are poorly configured to manage the required capacity of ordnance storage for NSWDG operators.

IMPACT IF NOT PROVIDED: Training of NSWDG Operators will be unable to be supported as required. New tactics and techniques are constantly evolving, which require flexible support of ordinance that must be stored in accordance with applicable ordnance regulations.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to satisfy the requirement. No life cycle costs have been calculated at this time. Storm water management Low Impact Development will be included in the project as appropriate. This project will provide anti-terrorism/force protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with Department of Defense (DOD) Minimum Anti-Terrorism Standards for Buildings. Project site is within the 100-year floodplain hazard area; appropriate flood mitigation measures will be applied.

JOINT USE CERTIFICATION: N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities re budgeted by the military departments. Reference Title 10, Section 165.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data:

(1) Execution Strategy:	Design-Bid-Build
(2) Design Data:	
(a) Date Design or Request for Proposal (RFP) Started:	Oct/2017
(b) Percent of Design Complete as of January 2018:	25%
(c) Design or RFP Complete:	Jan/2019
(d) Total Design Cost ($000):	$900
(e) Energy Study and/or Life Cycle Analysis Performed:	No

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
NAS OCEANA, DAM NECK ANNEX, VIRGINIA BEACH, VA	SOF MAGAZINES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140415BB	421	P834	8,959

(f) Basis of Design Standard or Definitive: Yes

(3) Construction Data:

(a) Construction Award: Jul/2019

(b) Construction Start: Sep/2019

(c) Construction Complete: Mar/2021

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

Equipment Nomenclature	Procuring Appropriation	Appropriated or Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2020	40
Physical Security Equipment	PROC, D-W	2020	80
C4I Equipment	O&M, D-W	2020	50

Joint Special Operations Command
Telephone: (910) 243-0550

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
FORT A.P. HILL, VIRGINIA	U.S. ARMY SPECIAL OPERATIONS COMMAND	

6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF SEP 17	0	0	1	0	0	0	0	0	0	1
b. END FY 23	0	0	1	0	0	0	0	0	0	1

7. INVENTORY DATA ($000)	
a. TOTAL ACREAGE	77,332
b. INVENTORY TOTAL AS OF SEP 17	40,500
c. AUTHORIZATION NOT YET IN INVENTORY (FY15-18)	0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY19)	11,734
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY20)	0
f. PLANNED IN NEXT THREE PROGRAM YEARS (FY21-23)	0
g. REMAINING DEFICIENCY	0
h. GRAND TOTAL	52,234

8. PROJECTS REQUESTED IN THIS PROGRAM

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1) CODE	(2) PROJECT TITLE	(3) SCOPE	($000)	(1) START	(2) COMPLETE
171	TRAINING CAMPUS	4,682SM(50,400SF)	11,734	01/17	09/18

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY20)			
None			
b. Planned Next Three Years (FY21-23)			
None			

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTIONS

Provide realistic joint and combined arms training, logistics and support, enabling America's Defense Forces to win on the 21st century battlefield. Special Operations Forces: Organize, train, equip, and validate readiness of special operations forces for world-wide deployment in support of combatant commanders.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

N/A

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT AP. HILL, VIRGINIA	TRAINING CAMPUS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140415BB	171	86024	11,734

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				9,003
OPERATIONS/TRAINING BUILDINGS (CC 17122) (36,500 SF)	SM	3,391	1,640	(5,561)
RENOVATE EXISTING BUILDINGS (CC 17122) (13,896 SF)	SM	1,291	2,465	(3,182)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(260)
SUPPORTING FACILITIES				1,569
UTILITIES	LS	--	--	(985)
ROADS, SIDEWALKS AND PARKING (P)	LS	--	--	(145)
AT/FP/PHYSICAL SECURITY MEASURES	LS	--	--	(65)
DEMOLITION (CC 93310)	LS	--	--	(374)

ESTIMATED CONTRACT COST				10,572
CONTINGENCY (5%)				529

SUBTOTAL				11,101
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				633

SUBTOTAL				11,734

TOTAL REQUEST				11,734
TOTAL REQUEST (ROUNDED)				11,734
EQUIPMENT FROM OTHER APPROPRIATIONS				1,857

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct a remote training campus. The project will include construction of new operations/storage buildings and renovation of existing buildings. The new operations buildings include team rooms, medical training, troop aid station, ready buildings, general instruction buildings, and human performance training. The existing buildings for renovation include latrines, storage, and operations center buildings. New construction will consist of pile foundations, grade slab, steel tube columns, load bearing concrete masonry unit (CMU) walls and a standing seam metal roof. Demolition includes 27 concrete pads, and two temporary structures. Built-in building systems include fire alarm/mass notification, fire suppression, utility management control, telephone, advance communication networks, cable television, and infrastructure for electronic access control systems (intrusion detection system, closed circuit surveillance, and electronic access control). Project includes the installation of electronic security system equipment (equipment is funded by other appropriations). Supporting facilities include all related site-work and utilities (electrical, water, sanitary sewer, and information systems distribution), vehicle parking, storm drainage, signage, and other site improvements. The project includes demolition of an existing insulated tent, metal frame storage building, concrete pads, and the removal of installed plastic and wood barriers. Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development features will be included in the design and construction of this project as appropriate.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT AP. HILL, VIRGINIA	TRAINING CAMPUS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140415BB	171	86024	11,734

12. REQUIREMENT: 4,682 SM (50,400 SF) **ADEQUATE:** 0 SM **SUBSTANDARD:** 1,292 SM (13,900 SF)

PROJECT: Construct remote training facilities.

REQUIREMENT: This project is required to provide adequate and updated facilities that are conducive to the operational security, functional, and training requirements of the unit. This project is required to meet increased student loads and to consolidate training courses at one site. These facilities support the continual training and deployment of forces into real world and exercise, conventional, and unconventional warfare environments.

CURRENT SITUATION: Current functions and trainings are conducted in vintage and degraded facilities not designed for their intended current use. Current facilities hinder the unit's ability to maximize the quality training and day-to-day operations required to be an effective fighting force.

IMPACT IF NOT PROVIDED: The unit will not be able to effectively and efficiently conduct directed training and mission preparation necessary to ensure readiness, deployability, and immediate-response capability. The unit will continue to function in undersized, outdated facilities that are not conducive to the unit's requirements, thus providing more opportunity for mission compromise.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development and this project is the only feasible option. This project shall be designed and constructed in accordance with the Unified Facilities Criteria, DOD Building Code (General Building Requirements); Installation Architectural Compatibility Plan; other applicable DOD and Army Regulations; and applicable U.S Federal Environmental Laws and Regulations. This project will provide anti-terrorism/force protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with Department of Defense (DoD) Minimum Anti-Terrorism Standards for Buildings. The project site flood vulnerability determination has been accomplished by the installation and will be part of the project planning process; project site is located above the 100-year flood plain.

JOINT USE CERTIFICATION: N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design Bid Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	Jan/2017
(b) Percent of Design Completed as of Jan 2018:	35%
(c) Design or RFP Complete:	Sep/2018
(d) Total Design Cost ($000):	1,043
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Basis of design standard or definitive?	No
(3) Construction Data:	
(a) Contract Award:	Mar/2019
(b) Construction Start:	Jun/2019
(c) Construction Complete:	Mar/2021

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT AP. HILL, VIRGINIA	TRAINING CAMPUS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140415BB	171	86024	11,734

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2020	737
C4I Equipment	O&M, D-W	2020	245
Collateral Equipment	PROC, D-W	2020	375
C4I Equipment	PROC, D-W	2020	500

US Army Special Operation Command
Telephone: (910) 432-1296

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
FORT BELVOIR, VIRGINIA	U.S. ARMY SPECIAL OPERATIONS COMMAND	1.07

6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF SEP 17	8	21	36	16	39	0	0	0	0	120
b. END FY 23	14	27	46	22	61	0	0	0	0	170

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	7,682
b. INVENTORY TOTAL AS OF SEP 17	110,438
c. AUTHORIZATION NOT YET IN INVENTORY (FY15-18)	94,000
d. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY19)	6,127
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY20)	0
f. PLANNED IN NEXT THREE PROGRAM YEARS (FY21-23)	0
g. REMAINING DEFICIENCY	0
h. GRAND TOTAL	210,565

8. PROJECTS REQUESTED IN THIS PROGRAM

a. CATEGORY			b. COST	c. DESIGN STATUS	
(1) CODE	(2) PROJECT TITLE	(3) SCOPE	($000)	(1) START	(2) COMPLETE
171	Human Performance Training Center	1,390SM(14,961SF)	6,127	01/17	09/18

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)

a. Included in Following Program (FY20)

None

b. Planned Next Three Years (FY21-23)

None

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTIONS

Provide installation support to authorized units, activities and personnel assigned to or located in the Fort Belvoir geographical support region including; various Headquarters Department of the Army and Department of Defense agencies, Intelligence and Security Command, Defense Threat Reduction Agency, Defense Logistics Agency, U.S. Army Criminal Investigation Command, National Geospatial-Intelligence Agency, Defense Acquisition University, Army Management Staff College, Army Force Management School, Army Inspector General School, and Defense Contract Audit Command. Special Operations Forces: Organize, train, equip, and validate readiness of special operations forces for world-wide deployment in support of combatant commanders.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

N/A

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT BELVOIR, VIRGINIA	HUMAN PERFORMANCE TRAINING CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140415BB	171	80772	6,127

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				5,067
HUMAN PERFORMANCE TRAINING CENTER ADDITION (CC17138) (14,208 SF)	SM	1,320	3,655	(4,825)
RENOVATION (CC 14162) (753 SF)	SM	70	1,885	(132)
BUILDING INFORMATION SYSTEMS	LS	--	--	(10)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(100)
SUPPORTING FACILITIES				262
SPECIAL CONSTRUCTION FEATURES	LS	--	--	(50)
UTILITIES	LS	--	--	(85)
ROADS, SIDEWALKS AND PARKING	LS	--	--	(55)
SITE IMPROVEMENTS	LS	--	--	(22)
AT/FP/PHYSICAL SECURITY MEASURES	LS	--	--	(50)

ESTIMATED CONTRACT COST				5,329
CONTINGENCY (5%)				266

SUBTOTAL				5,595
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				319

SUBTOTAL				5,914
DESIGN/BUILD - DESIGN COST (4%)				213

TOTAL REQUEST				6,127
TOTAL REQUEST (ROUNDED)				6,127
EQUIPMENT FROM OTHER APPROPRIATIONS				1,380

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct a Human Performance Training Center (HPTC) and renovation of the existing building. This facility will include human performance areas incorporating strength and conditioning, hydrotherapy, sports psychology, sports medicine, combative training, cognitive awareness, library/resource room, multipurpose space, waiting/reception and administrative areas. The facility renovation will include demolition of plumbing fixtures, interior finishes and replacing with open office space and sealing sensitive compartmented information facility (SCIF) wall penetrations. New construction will consist of pile foundations, grade slab, steel tube columns, load bearing concrete masonry unit (CMU) walls and a standing seam metal roof. The facility will be designed to meet SCIF requirements on three sides of the building. Built-in building systems include fire alarm/mass notification; fire suppression; utility management control; telephone; cable television; infrastructure for closed circuit surveillance, and electronic access control system. Supporting facilities include all related site-work and utilities (water, gas and sanitary sewer), clearing and grubbing and sidewalks. Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development features will be included in the design and construction of this project as appropriate. Measures in

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT BELVOIR, VIRGINIA	HUMAN PERFORMANCE TRAINING CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140415BB	171	80772	6,127

accordance with the Department of Defense (DoD) Minimum Antiterrorism for Building standards will be provided. Access for persons with disabilities will be provided.

11. REQUIREMENT: 1,320 SM (14,208 SF) **ADEQUATE:** 0 SM **SUBSTANDARD:** 70 SM (710 SF)

PROJECT: Construct a Human Performance Training Center.

REQUIREMENT: Provides an adequate permanent facility capable of supporting HPTC missions and functions. This program incorporates the latest training and rehabilitation protocols to increase combat performance, prevent injuries, and decrease recovery times. The HPTC will provide personnel the ability to train and maintain a high level of physical and cognitive fitness. The physical therapy area will provide personnel with efficient and fast recovery as well as prevent costly, debilitating injuries.

CURRENT SITUATION: No adequate facilities exist to fully accommodate the requirements of this program. These functions are operating in facilities not designed to support the equipment, training, and rehabilitation requirements.

IMPACT IF NOT PROVIDED: Soldiers will continue to operate out of inadequately sized and configured space. The ability to effectively and efficiently provide the improved training and rehabilitation protocols will remain severely diminished.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development and this project is the only feasible option. This project shall be designed and constructed in accordance with the Unified Facilities Criteria, DOD Building Code (General Building Requirements); Installation Architectural Compatibility Plan; other applicable DOD and Army Regulations; and applicable U.S Federal Environmental Laws and Regulations. This project will provide anti-terrorism/force protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with Department of Defense (DOD) Minimum Anti-Terrorism Standards for Buildings. The project site flood vulnerability determination has been accomplished by the installation and will be part of the project planning process; project site is located above the 100-year flood plain.

JOINT USE CERTIFICATION: N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data

(1) Acquisition Strategy	Design Build
(2) Design Data	
(a) Design or Request for Proposal (RFP) Started:	Jan/2017
(b) Percent of Design Completed as of Jan 2018:	15%
(c) Design or RFP Complete:	Sep/2018
(d) Total Design Cost ($000):	400
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Basis of design standard or definitive?	No
(3) Construction Data	
(a) Contract Award:	Mar/2019
(b) Construction Start:	Sep/2019
(c) Construction Complete:	Mar/2021

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
FORT BELVOIR, VIRGINIA	HUMAN PERFORMANCE TRAINING CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140415BB	171	80772	6,127

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2020	735
C4I Equipment	O&M, D-W	2020	245
C4I Equipment	PROC, D-W	2020	400

US Army Special Operation Command
Telephone: (910) 432-1296

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
HUMPHREYS ENGINEER CENTER SUPPORT ACTIVITY, VIRGINIA	U.S. ARMY SPECIAL OPERATIONS COMMAND	1.07

6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF SEP 17	72	302	291	0	0	0	0	0	0	665
b. END FY 23	72	302	291	0	0	0	0	0	0	665

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	580
b. INVENTORY TOTAL AS OF SEP 17	130,500
c. AUTHORIZATION NOT YET IN INVENTORY (FY15-18)	0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY19)	20,257
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY20)	0
f. PLANNED IN NEXT THREE PROGRAM YEARS (FY21-23)	69,339
g. REMAINING DEFICIENCY	155,000
h. GRAND TOTAL	375,096

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
214	MAINTENANCE AND SUPPLY FACILITY	4,394SM(47,300SF)	20,257	01/17	09/18

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY20)			
None			
b. Planned Next Three Years (FY21-23)			
141	HEADQUARTERS EXPANSION	4,645SM(50,000 SF)	34,668
141	D SQUADRON HEADQUARTERS	6,327SM(68,103 SF)	34,671

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTIONS

The Mission of the Humphrey's Engineer Center Support Activity (HECSA) Office of Small Business is to provide education and guidance to small businesses interested in doing business with HECSA. We assist in providing small business opportunities to be involved in our procurements for our major customers to include Headquarters USACE, the Institute for Water Resources, the Strategic Environmental Research and Development Program, the Environmental Security Technology Certification Program, the 249th Engineer Battalion, Prime Power School, and tenants at HEC. The office also provides similar, but limited, support to Non-USACE HEC tenants. Special Operations Forces: Organize, train, equip, and validate readiness of special operations forces for world-wide deployment in support of combatant commanders.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

N/A

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
HUMPHREYS ENGINEER CENTER SUPPORT ACTIVITY, VIRGINIA	MAINTENANCE AND SUPPLY FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140415BB	214	86025	20,257

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				15,037
MAINTENANCE & SUPPLY SUPPORT FACILITY (CC 21411) (47,300 SF)	SM	4,394	3,245	(14,259)
BUILDING INFORMATION SYSTEMS	LS	--	--	(525)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(253)
SUPPORTING FACILITIES				2,580
SPECIAL CONSTRUCTION FEATURES	LS	--	--	(100)
UTILITIES	LS	--	--	(1,225)
ROADS, SIDEWALKS AND PARKING	LS	--	--	(735)
SITE IMPROVEMENTS	LS	--	--	(420)
AT/FP/PHYSICAL SECURITY MEASURES	LS	--	--	(100)

ESTIMATED CONTRACT COST				17,617
CONTINGENCY (5%)				881

SUBTOTAL				18,498
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				1,054

SUBTOTAL				19,552
DESIGN/BUILD - DESIGN COST (4%)				705

TOTAL REQUEST				20,257
TOTAL REQUEST (ROUNDED)				20,257
EQUIPMENT FROM OTHER APPROPRIATIONS				3,656

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct a new maintenance and supply facility. The maintenance facility will house a three-bay motor pool and contain areas for electronic equipment maintenance. New construction will consist of pile foundation, concrete floor slab, steel frame, insulated precast concrete walls with brick and face masonry veneer and concrete faces, standing seam metal roof, and raised access floor system. The supply support facility will house warehouse and administrative logistics functions. The warehouse will provide both conditioned and unconditioned storage for pallets and other equipment. A pre-manufactured arms magazine and storage area will be within the warehouse footprint. The administrative area will be designed to meet Sensitive Compartmented Information Facility requirements and will include a conference room. Support spaces will include kitchenette and toilet/shower facilities. Built-in building systems include fire alarm/mass notification, fire suppression, utility management control, telephone, advance communication networks, cable television, and infrastructure for electronic security systems (intrusion detection, closed circuit surveillance, and electronic access control). Project includes the installation of electronic security system equipment (equipment funded by other appropriations). Supporting facilities include all related site-work and utilities (electrical, water, gas, sanitary sewer, and information systems distribution), security fencing, privately owned vehicle parking,

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
HUMPHREYS ENGINEER CENTER SUPPORT ACTIVITY, VIRGINIA	MAINTENANCE AND SUPPLY FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140415BB	214	86025	20,257

access drives, roads, curb and gutter, sidewalks, storm drainage and treatment structures, signage, landscaping, and other site improvements. Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development features will be included in the design and construction of this project as appropriate. Access for persons with disabilities will be provided. Comprehensive interior, electronic security systems, and audio-visual design services are included.

11. REQUIREMENT: 4,394 SM (47,300 SF) **ADEQUATE:** 0 SM **SUBSTANDARD:** 911 SM (9,810 SF)

PROJECT: Construct a new maintenance and supply support facility.

REQUIREMENT: This project is required to provide adequate equipment shops and storage facilities for the unit. The project will co-locate maintenance and administrative functions in one centralized area.

CURRENT SITUATION: The unit does not have adequate facilities to accommodate current force structure and storage requirements. The existing facilities lack sufficient operational, storage, and administrative space and prevent functional layouts required for efficient, synchronized unit operations.

IMPACT IF NOT PROVIDED: The unit will continue to lack adequate space for storage and maintenance of mission essential equipment. The unit will continue to operate in failing, inefficient, and widely dispersed facilities, which will severely degrade maintenance productivity. Insufficient tool and equipment storage will hamper access and accountability. Overall, the lack of facilities for administrative, training, supply, and maintenance functions will adversely affect the unit's mission effectiveness and readiness.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development and this project is the only feasible option. This project shall be designed and constructed in accordance with the Unified Facilities Criteria, DOD Building Code (General Building Requirements); Installation Architectural Compatibility Plan; other applicable DOD and Army Regulations; and applicable U.S Federal Environmental Laws and Regulations. This project will provide anti-terrorism/force protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with Department of Defense (DoD) Minimum Anti-Terrorism Standards for Buildings. Project is sited in an area of minimal flood hazard; appropriate flood mitigation measures will be applied.

JOINT USE CERTIFICATION: N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data	
(1) Acquisition Strategy	Design Build
(2) Design Data	
(a) Design or Request for Proposal (RFP) Started:	Jan/2017
(b) Percent of Design Completed as of Jan 2017:	15%
(c) Design or RFP Complete:	Sep/2018
(d) Total Design Cost ($000):	1,230
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Basis of design standard or definitive?	No
(3) Construction Data	
(a) Contract Award:	Sep/2019
(b) Construction Start:	Apr/2020

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
HUMPHREYS ENGINEER CENTER SUPPORT ACTIVITY, VIRGINIA	MAINTENANCE AND SUPPLY FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140415BB	214	86025	20,257

(c) Construction Complete: Jun/2021

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2021	1,421
C4I Equipment	O&M, D-W	2021	505
Collateral Equipment	PROC, D-W	2021	705
C4I Equipment	PROC, D-W	2021	1,025

US Army Special Operation Command
Telephone: (910) 432-1296

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
CONUS CLASSIFIED	BATTALION COMPLEX, PHASE 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140415BB	141	80775	49,222

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				37,989
UNIT OPERATIONS BUILDING (CC 14112)(106,000 SF)	SM	9,848	2,540	(25,014)
SENSITIVE COMPARTMENTED INFO FACILITY (CC 14162) (21,000 SF)	SM	1,951	5,414	(10,563)
IDS INSTALLATION	LS	--	--	(210)
EMCS CONNECTION	LS	--	--	(210)
CYBERSECURITY MEASURES	LS	--	--	(750)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(512)
BUILDING INFORMATION SYSTEMS	LS	--	--	(730)
SUPPORTING FACILITIES				6,361
SPECIAL CONSTRUCTION FEATURES (PILES)	LS	--	--	(1,000)
EMERGENCY GENERATORS	MW	1.3	750,000	(975)
UTILITIES	LS	--	--	(155)
SCIF CONSTRUCTION ADMINISTRATION	LS	--	--	(4,231)

ESTIMATED CONTRACT COST				44,350
CONTINGENCY (5%)				2,218

SUBTOTAL				46,568
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				2,654

TOTAL REQUEST				49,222
TOTAL REQUEST (ROUNDED)				49,222
EQUIPMENT FROM OTHER APPROPRIATIONS				(15,557)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct Battalion Complex, Phase 2. Phase 2 constructs a multi-story secure operations building. Operations building includes operational and administrative spaces (Sensitive Compartmented Information Facility, shield room, data center, supply, armory, private and open offices, multi-purpose team room, conference, audio visual, sound booths, high density file storage, mail distribution, printers, shredders); training (indoor firing range, fitness, cardio mezzanine, aquatic training, exterior covered turf area); storage (warehouse, loading, arms vault, storage vault, caged storage, oxygen); personnel support spaces (kitchen/serving, medical aid station, physical therapy, nursing mother's room, break rooms, laundry, showers, restrooms), uninterruptible power supply, fire protection, electrical, mechanical mezzanine and penthouse, and telecommunications rooms. Select areas will have raised access flooring. Provide special foundations sized for complex; generators, elevators, lightning protection, fire suppression; fire alarm, mass notification and security measures. Install intrusion detection systems and cybersecurity measures. Cybersecurity measures include providing Identity Assurance of and Operational Resilience to Fire Life Safety Systems, Building Automation Energy Management Control System (EMCS)/ Utility Energy Management Control System (UEMCS), Electronic Security Systems Closed Circuit Television (CCTV), and Intrusion Detection System (IDS). Utility connection that meets all requirements of the utility system owner. Connection will enable utility system to be connected to the facility and the utility system will not be owned by the government. Connect to energy monitoring and control system. Department of Defense principles for high performance and sustainable building requirements will be

included in the design and construction of the project in accordance with federal laws and Executive Orders. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Building will be fully conditioned. Heating and air conditioning will be provided by self-contained systems. Hangars will be constructed in follow on phase.

11. REQUIREMENT: 32,516 SM (350,000 SF)**ADEQUATE:** 1,536 SM (16,535 SF)**SUBSTANDARD:** 9,133 SM (98,303SF)

PROJECT: Construct Battalion Complex, Phase 2 (Current Mission).

REQUIREMENT: Unit requires adequate battalion complex space to support its mission. The identified need including support buildings is 350,000 SF. Current shortfall is 333,465 SF.

CURRENT SITUATION: Unit currently works out of a mix of existing facilities of various ages ranging from 10 years old to over 50 years old that have been modified over time to attempt to address mission requirements. Supporting utility and heating, ventilation, and air conditioning systems are old and failing. Unit has outgrown existing facilities, which no longer support the unit's mission. No space or facility exists to meet the unit's requirements. Unit has compressed into existing space increasing risk of accidents. Unit is projected to continue growing. Geo-technical soil borings indicate layer of soft clay in 23'-28' foot range at project site.

IMPACT IF NOT PROVIDED: Personnel will continue to work in substandard and deteriorated facilities to best ability. Working out of multiple buildings hurts operational efficiency and unit must duplicate and sustain facilities and information technology at each of these sites, creating additional inefficiencies and additional costs. Use of failing facilities reduces productivity, hurts unit's ability to hire and retain a quality work force, and has high operations and maintenance costs. Unit will be compelled to operate inefficiently with key staff elements scattered in dispersed, inadequate, or temporary facilities.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to satisfy the requirement. This project has been coordinated with the installation physical security plan, and all physical security measures are included. Storm water management Low Impact Development will be included in the project as appropriate. This project will provide anti-terrorism/force protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with Department of Defense (DOD) Minimum Anti-Terrorism Standards for Buildings. Project site is adjacent to an existing taxiway which is subject to river and coastal wetlands flooding during heavy storm events; appropriate flood mitigation measures will be applied.

JOINT USE CERTIFICATION: N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design-Bid-Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	Jan/2017
(b) Percent of Design Completed as of Jan 2018:	65%
(c) Design or RFP Complete:	Oct/2018
(d) Total Design Cost ($000):	4,500
(e) Energy Study and/or Life Cycle Analysis performed:	No

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
CONUS CLASSIFIED	BATTALION COMPLEX, PHASE 2

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140415BB	141	80775	49,222

(f) Standard of definitive design used: No

(3) Construction Data:

(a) Contract Award: Jul/2019

(b) Construction Start: Oct/2019

(c) Construction Complete: May/2021

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
C4I Equipment	PROC, D-W	2021	11,710
Collateral Equipment	O&M, D-W	2021	2,119
Collateral Equipment	PROC, D-W	2021	1,728

Joint Special Operations Command
Telephone: (910) 243-0550

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. DATE
USSOCOM		FEB 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
SMITH BARRACKS, BAUMHOLDER MILITARY COMMUNITY, GERMANY	SPECIAL OPERATIONS COMMAND, EUROPE	1.07

6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF SEP XX	0	0	0	0	0	0	93	255	5	353
b. END FY XX	177	524	39	0	0	0	190	324	12	1,266

7. INVENTORY DATA ($000)	
a. TOTAL ACREAGE	41
b. INVENTORY TOTAL AS OF SEP 17	0
c. AUTHORIZATION NOT YET IN INVENTORY (FY15-18)	0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM (FY19)	11,504
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM (FY20)	35,386
f. PLANNED IN NEXT THREE PROGRAM YEARS (FY21-23)	6,438
g. REMAINING DEFICIENCY	0
h. GRAND TOTAL	53,328

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
218	SOF JOINT PARACHUTE RIGGING FACILITY	2,376 SM (25,574 SF)	11,504	08/17	09/18

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)
a. Included in Following Program (FY20)			
171	SOF BATTALION ANNEX	563 SM (6,055 SF)	7,152
171	SOF OPERATIONS ANNEX	1,242 SM (13,360 SF)	16,958
144	SOF SUPPORT ANNEX	717 SM (7,715 SF)	11,276
b. Planned Next Three Years (FY21-23)			
171	SOF HUMAN PERFORMANCE TRAINING CENTER	2,045 SM (22,000 SF)	6,438

c. RPM Backlog: N/A

10. MISSION OR MAJOR FUNCTIONS

U.S. Army Garrison Baumholder plans and executes force protection operations, deployment support operations, garrison support operations and German-American relations to sustain soldier, civilian and family well-being and readiness.
Special Operations Command – Europe employs Special Operations Forces (SOF) across the European Command area of responsibility to strengthen European security capabilities and interoperability and counter transnational threats to protect U.S. personnel and interests.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

N/A

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
BAUMHOLDER, GERMANY	SOF PARACHUTE RIGGING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000
1140494BB	218	91977	11,504

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				8,444
PARACHUTE RIGGING FACILITY (CC 21881) (25,574 SF)	SM	2,376	3,000	(7,128)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(176)
SUSTAINABILITY AND ENERGY FEATURES	LS	-	-	(176)
BUILDING INFORMATION SYSTEMS	LS	-	-	(464)
CYBERSECURITY MEASURES	LS	-	-	(500)
SUPPORTING FACILITIES	LS	-	-	1,922
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(288)
UTILITIES	LS	-	-	(576)
SITE PREPARATION	LS	-	-	(288)
ROADS, SIDEWALKS, AND PARKING	LS	-	-	(98)
SITE IMPROVEMENTS	LS	-	-	(288)
AT/FP PHYSICAL SECURITY MEASURES	LS	-	-	(288)
DEMOLITION	LS	-	-	(96)

ESTIMATED CONTRACT COST				10,366
CONTINGENCY (5%)				518

SUBTOTAL				10,884
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				620

TOTAL REQUEST				11,504
TOTAL REQUEST (ROUNDED)				11,504
EQUIPMENT FROM OTHER APPROPRIATIONS				(1,150)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct a consolidated Special Operations Forces (SOF) Parachute Rigging Facility with drying tower. Supporting facilities include all pertinent site preparations and site improvements, mechanical and electrical utilities, telecommunications, landscaping, drainage, parking and exterior lighting. Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development features will be included in the design and construction of this project as appropriate. This project will provide anti-terrorism/force protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with department of Defense Minimum Anti-Terrorism Standards for Buildings.

11. REQUIREMENT: 2,376 SM (25,574 SF) **ADEQUATE:** 0 SM **SUBSTANDARD:** 0 SM

PROJECT: Construct a Parachute Rigging Facility. (New Mission)

REQUIREMENT: Provides adequate support facilities for the relocation and consolidation of USSOCOM units from Stuttgart and CONUS to Baumholder. The facility will support the continual operations, training and deployment of forces for real world exercises and conventional and unconventional, special and irregular war scenarios.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
BAUMHOLDER, GERMANY	SOF PARACHUTE RIGGING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000
1140494BB	218	91977	11,504

CURRENT SITUATION: SOF units are operating at four different installations in Germany and CONUS. The current facilities at Stuttgart are undersized and poorly configured for operations mission support. Operational areas are severely inadequate, accommodating 20% of authorized space. Community support service of Stuttgart such as family housing, child development center, schools and utility infrastructure has exceeded capacity. Currently Baumholder has a surplus capacity, therefore the Secretary has decided to re-posture SOF to Baumholder. There is no rigging facility at Smith Barracks. Personnel and cargo parachute pack and parachute maintenance operations are not able to be performed on site.

IMPACT IF NOT PROVIDED: It will directly impact the implementation of the current capital improvements plan that corrects the overcrowding at USAG Stuttgart. This plan has been approved by Office of the Secretary of Defense and Vice Chief of Staff of the Army.

If not provided, the units will remain severely hindered in conducting planning, operations, and training needed to optimize the unit's capability to meet urgent national security missions. Organizational effectiveness, operational efficiency, and unit morale will risk degradation by continued use of substandard, severely undersized and poorly configured buildings.

ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development and this project is the only feasible option. This project will comply with International Building Code; Fire and Life Safety Codes and with U.S. Army's Military Construction Transformation Principles.

JOINT USE CERTIFICATION: N/A. USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design Bid Build
(2) Design Data:	
(a) Design or request for Proposal (RFP) Started:	Aug/2017
(b) Percent of Design Complete as of January 2018:	15%
(c) Design or RFP Completed:	Sep/2018
(d) Total Design Costs ($000):	386
(e) Energy Study and Life Cycle Analysis Performed:	No
(f) Standard or definitive design used?	No
(3) Construction Data:	
(a) Contract Award:	Jun/2019
(b) Construction Start:	Aug/2019
(c) Construction Complete:	Apr/2021

B. Equipment Associated with This Project Which Will be Provided From Other Appropriations:

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2021	300
C4I Equipment	O&M, D-W	2021	100
Collateral Equipment	PROC, D-W	2021	500
C4I Equipment	PROC, D-W	2021	250

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:		
BAUMHOLDER, GERMANY	SOF PARACHUTE RIGGING FACILITY		
5. PROGRAM ELEMENT	**6. CATEGORY CODE**	**7. PROJECT NUMBER**	**8. PROJECT COST ($000**
1140494BB	218	91977	11,504

SOCEUR
Telephone: DSN 314-430-7814

Washington Headquarters Services
FY 2019 Military Construction, Defense-Wide
($in Thousands)

State/Installation/Project	Authorization Request	Approp Request	New/ Current Mission	Page No.
Virginia				
Pentagon				
North Village Secondary VACP and Fencing	12,200	12,200	C	206
Raven Rock				
Exterior Infrastructure and Security Improvements	23,650	23,650	C	211
Total	**35,850**	**35,850**		

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. DATE
Washington Headquarters Services		February 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Pentagon, Arlington VA	OSD/DCMO/DA/WHS	1.07

6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 Sep 2017										27,488
b. END FY 2022										27,488

7. INVENTORY DATA *($000)*

a. TOTAL ACREAGE		
b. INVENTORY TOTAL AS OF 30 Sep 2014		
c. AUTHORIZATION NOT YET IN INVENTORY		
d. AUTHORIZATION REQUESTED IN THIS PROGRAM (1,000)		12,200
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		21,887
f. PLANNED IN NEXT THREE PROGRAM YEARS		19,941
g. REMAINING DEFICIENCY		0
h. GRAND TOTAL (1,000)		54,028

8. PROJECTS REQUESTED IN THIS PROGRAM

a. CATEGORY			b. COST *($000)*		
(1) CODE	(2) PROJECT TITLE	(3) SCOPE		DESIGN START	STATUS COMPLETE
14113	North Village Secondary VACP and Fencing	1,382 SF	12,200	10/2016	01/2018

9. FUTURE PROJECTS (000)

73010 Control Tower Fire Day Station	$21,887
81350 Replace Switch House 1	$12,495
81160 Backup Generator	$7,446

10. MISSION OR MAJOR FUNCTIONS

The Pentagon serves as the Nation´s military command center providing critical command and control and support functions to the Department of Defense and its subordinate commands with 6.5 million square feet of office, support and quality of life space.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. Air Pollution	0
B. Water Pollution	0
C. Occupational Safety and Health	0

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. DATE
Washington Headquarters Services		February 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Pentagon Reservation (Raven Rock Mountain Complex)	OSD/DCMO/DA/WHS	1.07

6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 Sep 2017										27,488
b. END FY 2022										27,488

7. INVENTORY DATA *($000)*

a. TOTAL ACREAGE		
b. INVENTORY TOTAL AS OF 30 Sep 2014		
c. AUTHORIZATION NOT YET IN INVENTORY		
d. AUTHORIZATION REQUESTED IN THIS PROGRAM (1,000)		23,650
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		29,580
g. REMAINING DEFICIENCY		0
h. GRAND TOTAL (1,000)		53,230

8. PROJECTS REQUESTED IN THIS PROGRAM

a. CATEGORY			b. COST *($000)*		
(1) CODE	(2) PROJECT TITLE	(3) SCOPE		DESIGN START	STATUS COMPLETE
85210	Exterior Infrastructure and Security Improvements	22,634 SY	23,650	09/2017	09/2018

9. FUTURE PROJECTS

14185 Consolidation Maintenance Complex $29,580

10. MISSION OR MAJOR FUNCTIONS

Raven Rock Mountain Complex provides an enduring platform from where DOD can execute its mission essential functions in support of continuity of operations.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

		($000)
A.	Air Pollution	0
B.	Water Pollution	0
C.	Occupational Safety and Health	0

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
WHS		February 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Pentagon Arlington, VA	North Village Secondary VACP and Fencing

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	141 13	87645	12,200

9. COST ESTIMATES

ITEM	UM	QUANTITY	UNIT COST	COST($000)
PRIMARY FACILITY				5,90
Vehicle Access Control Point (14113)	EA	1	3,839	(3,839)
Visitor Control Building (14113)	SF	1,382	1,491	(2,061)
SUPPORTING FACILITIES				4,69
Electric Service	LS	--	--	(130)
Water, Sewer, Gas	LS	--	--	(18)
Paving, Walks, Curbs And Gutters	LS	--	--	(215)
Storm Drainage	LS	--	--	(36)
Site Imp(2,493) Demo(1,799)	LS	--	--	(4,292)
ESTIMATED CONTRACT COST				10,59
CONTINGENCY (5.00%)				53
SUBTOTAL				11,12
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				63
DESIGN/BUILD - DESIGN COST (4.0000%)				44
TOTAL REQUEST (ROUNDED)				12,20
TOTAL REQUEST				12,20
EQUIPMENT FROM OTHER APPROPRIATIONS(NON ADD)				(750)

10. Description of Proposed Construction

Construct a new permanent Vehicle Access Control Point (VACP) with gate arms, Active Vehicle Barriers, under vehicle screening systems, License Plate Readers, passive vehicle barriers, paving for access roadways and installation of pedestrian turnstile. Includes installation of security equipment, intrusion detection system, closed circuit television, fire alarm system, information system, backup power, uninterruptible power supply canopy with pier footer foundation, precast limestone veneer exterior, and lighting.

Construct Visitor Control Building and guard house slab on grade foundation, ballistic rated structure, mechanical and electrical systems, precast limestone veneer exterior, installation of IT and electrical service,

Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
WHS		February 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Pentagon Arlington, VA	North Village Secondary VACP and Fencing

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	141 13	87645	12,200

10. Description of Proposed Construction (Continued)...
Supporting facilities include the demolition of the North Village perimeter fence and installation of a crash-rated fence including infrastructure to support lighting and intrusion detection, removal and backfill of the south abandoned waste water basin, demolition of the existing temporary pedestrian access control point and guard post, duct banks for power, telecom, IT, and security, connections for water, sewer utility services, storm drainage with Low Impact Development (LID) measures, concrete walkway, paving, curbs, gutters, exterior lighting, and landscaping.

Includes Anti-Terrorism/Force Protection (AT/FP) features and complies with AT/FP regulations, and physical security mitigation in accordance with DoD Minimum Anti-Terrorism Standards for Buildings. Low Impact Development and Chesapeake Bay Preservation Act pollutant reduction features will be included in the design and construction of this project as appropriate.

Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.

11. REQ: 1,382 SF ADQT: NONE SUBSTD: NONE

PROJECT:
Construct a new permanent ACP and security fencing at the North Village compound.

REQUIREMENT:
The Pentagon operates a North Village compound adjacent to the North Parking Lot which houses various support functions comprised of GS and contract employees for Washington Headquarters Services and the Pentagon Force Protection Agency. The North Village compound requires an ACP capable of verifying the credentials of and screening both visitors and employees who arrive at the North Village as pedestrians or in a vehicle. In addition, the ACP must integrate with the capabilities at other new vehicle and pedestrian ACPs recently constructed and approved for construction at the Pentagon in order to maximize operational and maintenance efficiency and cost effectiveness. Replacement of the North Village perimeter fence is required in conjunction with the ACP upgrade to secure the compound in compliance with DoD antiterrorism policy.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
WHS		February 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Pentagon Arlington, VA	North Village Secondary VACP and Fencing

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	141 13	87645	12,200

CURRENT SITUATION:
The current temporary ACP was installed after 9/11 to quickly address security protocols in place at the time similar to other original, temporary vehicle and pedestrian ACPs around the Pentagon. The current ACP configuration contains a non-crash rated, motorized vehicle gate for access control, which does not meet current DoD antiterrorism policy. Lack of vehicles barriers make the ACP vulnerable to breaching and lack of a reject lane does not allow the attending officers the ability to securely and efficiently reject a vehicle that will not be permitted access to the secure area. The current ACP is comprised of a prefabricated metal guard booth with room for a single officer. It lacks the space to install and utilize standard screening equipment, and therefore, the ability to screen visitors such as at the Pentagon's main facility or the ability to screen employees when conditions require it. The current perimeter fence at the North Village compound is not crash rated and does not conform to current DoD antiterrorism standards.

IMPACT IF NOT PROVIDED:
Efficient, safe and secure screening and control of vehicles and pedestrians entering the North Village will not be achieved and the compound will continue to lack protection from vehicles breaching the perimeter fence.

ADDITIONAL:
Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Mission requirements, operational considerations, and location are incompatible for joint use potential.

Washington Headquarters Services/Facilities Services Directorate/703-697-7241

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data:
(1) Acquisition Strategy: Design-build

(2) Design Data:

(a) Design or Request for Proposal (RFP) Started.....	OCT 2016
(b) Percent of Design Completed as of JAN 2018.....	35
(c) Design or RFP Complete.....	JAN 2018
(d) Total Design Cost.....	692,556
(e) Energy Study and/or Life Cycle Cost Analysis performed?	NO
(f) Standard or Definitive Design Used?.....	NO

(3) Construction Data:

(a) Contract Award.....	JAN 2019

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
WHS		February 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Pentagon Arlington, VA	North Village Secondary VACP and Fencing

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	141 13	87645	12,200

12. SUPPLEMENTAL DATA: (Continued)...

A. Estimated Execution Data:

(b) Construction Start..... JUL 2019
(c) Construction Complete..... JUL 2021

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Security Equipment	PRMRF	2020	$750

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
WHS		February 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Pentagon Reservation (Raven Rock Mountain Complex)	Exterior Infrastructure and Security Improvements

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	852 10	88790	23,650

9. COST ESTIMATES

ITEM	UM	QUANTITY	UNIT COST	COST($000)
PRIMARY FACILITY				8,388
Organizational Vehicle Parking (85210)	SY	22,634	74.33	(1,682)
Visitor Control Building East (14113)	SF	960	733.36	(704)
Vehicle Access Control Point (VACP) East (14113)	EA	1	2,593	(2,593)
Vehicle Access Control Point (VACP) West (14113)	EA	1	3,409	(3,409)
SUPPORTING FACILITIES				12,922
Electric Service	LS	--	--	(2,045)
Water, Sewer, Gas	LS	--	--	(1,449)
Paving, Walks, Curbs And Gutters	LS	--	--	(1,889)
Storm Drainage	LS	--	--	(2,272)
Site Imp(3,739) Demo(604)	LS	--	--	(4,343)
Information Systems	LS	--	--	(348)
Post Construction Award Services (PCAS)	LS	--	--	(576)
ESTIMATED CONTRACT COST				21,310
CONTINGENCY (5.00%)				1,066
SUBTOTAL				22,376
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				1,274
TOTAL REQUEST (ROUNDED)				24,000
TOTAL REQUEST				23,650
EQUIPMENT FROM OTHER APPROPRIATIONS(NON ADD)				(8,500)

10. Description of Proposed Construction

Construct additional parking utilizing a mix of asphalt paving and stone areas.
Construct a concrete masonry unit building with a standing seam roof that contains a lobby, two offices, and restroom.
Construct a VACP at the east entrance of the facility that consists of a guard booth, canopy, barriers, paving, storm drain system, lighting, building information systems, and security fencing.
Construct a VACP at the west entrance of the facility that consists of a guard booth, canopy, barriers, paving, storm drain system, lighting, building information systems, and security fencing.
Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with Federal laws and Executive Orders.

Electrical services will include underground distribution to include conduit, cabling, and manholes to support new barriers, buildings, and lighting. This also includes new transformers and connections to existing emergency power sources.
Construct a new sanitary sewer line to connect buildings along the roadway to the facility’s current sanitary sewer system to include the line, excavation, pumps, and lift stations. Sewer connections to existing buildings will be included.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
WHS		February 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Pentagon Reservation (Raven Rock Mountain Complex)	Exterior Infrastructure and Security Improvements

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	852 10	88790	23,650

10. Description of Proposed Construction (Continued)...
Paving in various locations includes resurfacing of existing pavement, new paving in the parking areas and access roads, and along the roadway. Construction of curb and gutter for storm water management and passive security barriers. Replacement and addition of sidewalks along parking areas are also included.
Storm drainage included to accommodate the increase in non-porous surfaces, structures, and grading. Storm water management will follow guidance from state standards and studies.
Site Improvements will include replacement of security fencing along site perimeter, excavation for parking area, and slope/retaining structures.
Demolition includes the removal of asphalt, canopies, guard booth, fencing, and building debris.
Information Systems are included to support new construction and consists of cabling, conduit, and manholes.
Antiterrorism Measures will include passive and active vehicle barriers with comprehensive control systems, fencing, and electronic security surveillance.
Facilities designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle solutions satisfying the facility requirements with the goal of maximizing energy efficiency.

11. REQ: 29,447 SY ADQT: 6,813 SY SUBSTD: 22,634 SY

PROJECT:
Construct a new VACP at East Gate and West Gate, construct parking areas, visitor control building, sanitary sewer line, storm water system and erosion control measures, and security measures.

REQUIREMENT:
Raven Rock Mountain Complex requires two VACPs with the ability to vet vehicle traffic as well as perimeter fencing that meets ATFP criteria to enhance perimeter security. Parking is required to be increased to meet the requirements of DoD Directive 3020.26 Department of Defense Continuity Programs. Visitor control is required at East VACP in order to provide the capability to screen personnel at both site entrances. Sanitary sewer modernization is required to connect facilities near the East and West Gates with the existing wastewater infrastructure, in order to eliminate regular, manual collection of waste. The storm water system must be modernized to eliminate constant erosion to the site perimeter.

CURRENT SITUATION:
The existing ACPs at the east and west entrances are deteriorated and not sufficient for personnel to perform daily functions. Existing parking at the site cannot accommodate mission essential functions per DoD Directive. The current sanitary sewer system utilizes holding tanks that do not connect all facilities to the existing waste water system and requires transfer of material by trailer to the wastewater treatment facility. Due to the antiquated design of the existing storm water system at the site, constant repair of erosion damage to fencing and roadways is required. Water leaving the site presents a risk of damage to private property below.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
WHS		February 2018

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Pentagon Reservation (Raven Rock Mountain Complex)	Exterior Infrastructure and Security Improvements

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	852 10	88790	23,650

IMPACT IF NOT PROVIDED:
Force protection officers will continue to use security devices and facilities that are inadequate in meeting site security. In addition, the site will also continuously repair erosion damage to the fencing and roadways caused by an inadequate storm water system that will continue to deteriorate and discharge water onto neighboring private property causing damage. The sanitary sewer system will continue to require an inadequate work around to convey materials to the treatment plant. The site will remain deficient for parking available when called upon to perform its essential DoD mission.

ADDITIONAL:
Alternative methods of meeting this requirement have been explored and this project is the only feasible option to meet the requirement. Mission Requirements, operational considerations, and location are incompatible for joint use potential.
Washington Headquarters Services/Facilities Services Directorate/ 703-697-7241

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 2017
(b) Percent of Design Completed as of JAN 2017.....	35%
(c) Design or RFP Complete.....	SEP 2018
(d) Total Design Cost.....	2,365
(e) Energy Study and/or Life Cycle Cost Analysis performed?	NO
(f) Standard or Definitive Design Used?.....	NO
(3) Construction Data:	
(a) Contract Award.....	MAR 2019
(b) Construction Start.....	MAY 2019
(c) Construction Complete.....	OCT 2021

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Security Equipment	PRMRF	2019	1,645
Security Equipment	PRMRF	2020	2,990
Security Equipment	PRMRF	2021	650
Information Systems	PRMRF	2019	855
Information Systems	PRMRF	2020	1,985
Information Systems	PRMRF	2021	350
Loading Dock Equipment	PRMRF	2020	25

FY2019 Energy Resilience and Conservation Investment Program
Project List

Project No.	Location	State	Project Description	Project Cost ($000)	SIR[1]
Army					
92569	Fort Sill	OK	Install Substation Interconnection	$8,700	0.4
82012	USAG Italy/Caserma Del Din	Italy	Upgrade Del Din Central Energy Plant with Battery and Thermal Storage	$4,450	2.9
88730	Camp Williams	UT	Install Microgrid, 800 kW Generator, and 1.7 MW Wind Turbine	$6,800	1.8
89168	USAG Italy/Camp Ederle	Italy	Convert Steam Lines to Hot Water	$3,600	2.1
87125	USAG Benelux/Chievres	Belgium	Convert Heating and Lighting Systems	$4,050	1.7
92009	Ceiba Armed Forces Reserve Center / Puerto Rico	Puerto Rico	Install 650 kW PV Solar Array	$3,600	1.4
Army Program Totals			**6 Projects**	**$31,200**	**1.5**
USN					
P234	NSA South Potomac	MD	IH Water Project -North Production	$15,188	2.5
P993	NSA Bahrain	Bahrain	Electrical Distribution System LSA/ FL (ISA)	$27,330	2.1
P1003	NAVBASE Coronado / San Clemente Island Site	CA	SCI Wind Turbines	$21,010	1.0
P-828	Great Lakes Naval Station	IL	NSGL Smart Energy	$8,940	1.2
USN Program Totals			**4 Projects**	**$72,468**	**1.7**
USAF					
GLEN191301	Schriever AFB	CO	Upgrade to Microgrid Part 2, Bldg 600	$15,002	2.3
UHHZ120964	Robins AFB	GA	Repair/Upgrade Pamper Plant System	$4,450	15.4
CURZ149601	Burlington ANGB	VT	Install Solar Panels	$2,000	1.3
DJCF179390	Channel Islands ANGS	CA	Construct Energy Resilient System	$3,500	1.0
BAEY1056834	Beale AFB	CA	Construct 2 MW Solar PV Array	$4,957	0.7
WWCX173002	Thule AB	Greenland	Install EMCS	$6,000	2.5
USAF Program Totals			**6 Projects**	**$35,909**	**3.6**
USMC					
P-975	MCLB Albany	GA	Replace Hardness Treatment in Water	$10,015	1.3
USMC Program Totals			**1 Project**	**$10,015**	**1.3**
DHA					
P-1702	Navy Expeditionary Medical Support Command, Williamsburg - Cheatham Annex	VA	Lighting Improvement at Cheatham Annex, Warehouse, Building CAD 565	$408	2.1
DHA Program Totals			**1 Project**	**$408**	**2.1**
ERCIP Program Totals			**18 Projects**	**$150,000**	**2.10**

[1]SIR is Savings to Investment Ratio ($ est. discounted lifetime savings / $ invested)

Energy Resilience Projects (11 Projects)	**$ 113,387**	**2.26**
Energy Conservation Subtotal (7 Projects)	**$ 36,613**	**1.58**
Total (18 Projects)	**$ 150,000**	**2.10**

1. COMPONENT	**FY 2019 MILITARY CONSTRUCTION PROGRAM**	2. DATE
		February 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Various	Secretary of Defense	Various

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.										
B.										

7. INVENTORY DATA ($000)

A. TOTAL AREA.	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	10,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	10,000

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
Various		Defense Level Contingency Construction	$10,000	Various	Various

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
Various	Defense Level Contingency Construction	$40,000

10. MISSION OR MAJOR FUNCTION

Various

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

Not Applicable

	($000)
A. AIR POLLUTION	
B. WATER POLLUTION	
C. OCCUPATIONAL SAFETY AND HEALTH	

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
		February 2018

3. Installation and Location/UIC:	4. Project Title
Various	Contingency Construction

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0109511D	N/A	N/A	Approp: $10,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
Construction of facilities in support of operations vital to the security of the United States				$10,000

10. Description of Proposed Construction

For FY 2019, $10.0 million is programmed to provide the Secretary of Defense with the capability to respond to unforeseen facilities requirements. This amount is required to undertake urgent, unforeseen military construction, the deferral of which is deemed inconsistent with national security interests.

The authority for the construction of these facilities is provided by Section 2804 of 10 U.S.C. Both the Armed Services and Appropriations Committees of the House and Senate will be notified by the Secretary of Defense, or his designee, immediately upon reaching a decision to undertake construction under this authority.

11 Requirement:

12. Supplemental Data:

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. DATE
		February 2018
3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Various	Secretary of Defense	Various

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.										
B.										

7. INVENTORY DATA ($000)

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

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
Various		Minor Construction	61,487	N/A	N/A

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
Various	Minor Construction (FY 2020-2023)	201,922

10. MISSION OR MAJOR FUNCTION

Various

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

None

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
		February 2018

3. Installation and Location/UIC:	4. Project Title
Various	Minor Construction

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
N/A	N/A	N/A	$61,487

9. COST ESTIMATES

Item		U/M	Quantity	Unit Cost	Cost ($000)
Unspecified Minor Construction		LS			$61,487
Defense Health Agency	(5,000)				
Defense Logistics Agency	(17,366)				
Missile Defense Agency	(10,000)				
Joint Chiefs of Staff	(12,479)				
U.S. Special Operations Command	(13,642)				
Defense Level Activities	(3,000)				

10. Description of Proposed Construction

Budget Subactivity: Unspecified Minor Construction

Unspecified minor military construction (UMC) projects authorized by Title 10 USC Wction 2805 and funded by Defense-wide appropriations.

11 Requirement:

New and expanded facilities supporting Defense-wide missions with a cost up to $6,000,000 adjusted for location (not to exceed $10,000,000) within the U.S. and territories, and up to $6,000,000 elsewhere. The $61,487,000 for FY 2019 is considered a reasonable estimate to provide the numerous Defense Agencies and Activities flexibility in managing their construction programs. A lump sum amount of $12,479,000 is included to support exercise related construction projects for JCS sponsored exercises.

12. Supplemental Data:

a. Estimated design data: Not applicable.
b. Equipment provided from other appropriations: Not applicable.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. DATE
		February 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Various	Secretary of Defense	Various

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.										
B.										

7. INVENTORY DATA ($000)

A. TOTAL AREA.

B. INVENTORY TOTAL AS OF

C. AUTHORIZATION NOT YET IN INVENTORY

D. AUTHORIZATION REQUESTED IN THIS PROGRAM

E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM

F. PLANNED IN NEXT THREE YEARS

G. REMAINING DEFICIENCY

H. GRAND TOTAL

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
Various		Planning and Design	195,345	N/A	N/A

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
Various	Planning and Design (FY 2020-2023)	951,977

10. MISSION OR MAJOR FUNCTION

N/A

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

N/A

($000)

A. AIR POLLUTION

B. WATER POLLUTION

C. OCCUPATIONAL SAFETY AND HEALTH

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
		February 2018

3. Installation and Location/UIC:	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	$195,345

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
Planning and Design				$175,717
Defense Health Agency (55,699)				
Defense Information Systems Agency (496)				
Defense Logistics Agency (42,705)				
Missile Defense Agency (14,184)				
U.S. Special Operations Command (55,925)				
Washington Headquarters Service (2,036)				
Defense Level Activities (14,300)				
ERCIP Design (10,000)				

10. Description of Proposed Construction

Funds are to be utilized for preparing plans and specifications for construction of the Defense Agencies and Secretary of Defense Activities.

11 Requirement:

The estimated costs for most projects do not include any 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 Defense Activities is dependent on the provision of funds proposed by this item.

FY 2019 Defense Level funding covers planning and design for various defense activities, planning and design associated with exercise related construction, and covers efforts across the Department to standardize and distribute uniform design criteria.

The FY 2019 budget request continues to separately identify planning and design funding associated with the Energy Resilience and Conservation Investment Program (ERCIP). The FY 2019 ERCIP program is funded at $150 million, and $10 million is specifically requested for planning and design to cover the design activities necessary to support this program.

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
DEFW	ZU	2019	Unspecified Worldwide Locations	Contingency Construction	10,000
DEFW	ZU	2019	Unspecified Worldwide Locations	Energy Resilience and Conserv. Invest. Prog.	150,000
DEFW	ZU	2020	Unspecified Worldwide Locations	Contingency Construction	10,000
DEFW	ZU	2020	Unspecified Worldwide Locations	Energy Resilience and Conserv. Invest. Prog.	150,000
DEFW	ZU	2021	Unspecified Worldwide Locations	Contingency Construction	10,000
DEFW	ZU	2021	Unspecified Worldwide Locations	Energy Resilience and Conserv. Invest. Prog.	150,000
DEFW	ZU	2022	Unspecified Worldwide Locations	Contingency Construction	10,000
DEFW	ZU	2022	Unspecified Worldwide Locations	Energy Resilience and Conserv. Invest. Prog.	150,000
DEFW	ZU	2023	Unspecified Worldwide Locations	Contingency Construction	10,000
DEFW	ZU	2023	Unspecified Worldwide Locations	Energy Resilience and Conserv. Invest. Prog.	150,000
DHA	GB	2019	Guantanamo Bay	Working Dog Treatment Facility Replacement	9,080
DHA	GY	2019	Rhine Ordnance Barracks	Medical Center Replacement Inc. 8	319,589
DHA	NC	2019	New River	Amb Care Center/Dental Clinic Replacement	32,580
DHA	UK	2019	Croughton RAF	Ambulatory Care Center Addition/Alteration	10,000
DHA	AZ	2020	Fort Huachuca	Ambulatory Care Center Replacement	89,220
DHA	CA	2020	Camp Pendleton	Ambulatory Care Center Replacement	22,250
DHA	GY	2020	Geilenkirchen AB	Ambulatory Care Center Replacement	27,620
DHA	HI	2020	Joint Base Pearl Harbor-Hickam	Veterinary Treatment Fac Clinic Replacement	18,140
DHA	HI	2020	Schofield Barracks	Ambulatory Care Center Alt & Parking Garage	138,060
DHA	MD	2020	Bethesda Naval Hospital	Education and Research Building Add/Alt	326,600
DHA	MD	2020	Bethesda Naval Hospital	MEDCEN Addtion/Alteration Incr 4	176,200
DHA	MD	2020	Frederick	Med Research Acquisition Blg Replacement	27,660
DHA	MD	2020	Patuxent River	Ambul Care Center/Dental Clinic Replacement	66,530
DHA	SC	2020	Charleston	Consolidated Storage & Distribution Center	26,450
DHA	UK	2020	Royal Air Force Lakenheath	Hospital Replacement	27,120
DHA	WA	2020	Joint Base Lewis-Mcchord	Ambulatory Care Center	15,900
DHA	CA	2021	Miramar	Dental Clinic Replacement	62,200
DHA	GB	2021	Guantanamo Bay	Hospital Replacement	268,600
DHA	MD	2021	Bethesda Naval Hospital	Education and Research Building Add/Alt	160,000
DHA	WA	2021	Oak Harbor	Hospital Replacement (Oak Harbor)	160,700
DHA	AZ	2022	Davis-Monthan AFB	Amb Care Center /Dental Clinic Replacement	91,700
DHA	CA	2022	Camp Pendleton	Ambulatory Care Center Replacement	28,700
DHA	MO	2022	Fort Leonard Wood	Hospital Replacement Phase 2	138,200
DHA	UK	2022	Royal Air Force Lakenheath	Hospital Replacement Phase 2	244,400
DHA	CA	2023	Camp Pendleton	Working Dog Clinic/Food Inspection Replaceme	14,700
DHA	CO	2023	Fort Carson	Ambulatory Care Center	13,680
DHA	HI	2023	Joint Base Pearl Harbor-Hickam	Ambulatory Care Center Replacement	256,700
DHA	NC	2023	Fort Bragg	Amb Care Center / Behavioral Health Clinic	20,800
DHA	SC	2023	Beaufort	Hospital Replacement	166,200

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
DHA	TX	2023	Joint Base San Antonio	Cosolidated Med Training Center Repalcement	12,800
DHA	VA	2023	Portsmouth	Ambulatory Care Center Repalcement	26,200
DISA	ZU	2020	Unspecified Worldwide Locations	DISA Construction	33,174
DISA	ZU	2021	Unspecified Worldwide Locations	DISA Construction	2,642
DISA	ZU	2022	Unspecified Worldwide Locations	DISA Construction	2,642
DISA	ZU	2023	Unspecified Worldwide Locations	DISA Construction	2,708
DLA	AK	2019	Joint Base Elmendorf-Richardson	Operations Facility Replacement	14,000
DLA	AR	2019	Little Rock AFB	Hydrant Fuel System Alterations	14,000
DLA	CA	2019	Defense Distribution Depot-Tracy	Main Access Control Point Upgrades	18,800
DLA	JA	2019	Iwakuni	Fuel Pier	33,200
DLA	JA	2019	Kadena AB	Truck Unload Facilities	21,400
DLA	ME	2019	Kittery	Consolidated Warehouse Replacement	11,600
DLA	NJ	2019	Joint Base Mcguire-Dix-Lakehurst	Hot Cargo Hydrant System Replacement	10,200
DLA	OK	2019	Mcalester	Bulk Diesel System Replacement	7,000
DLA	TX	2019	Joint Base San Antonio	Energy Aerospace Operations Facility	10,200
DLA	TX	2019	Red River Army Depot	General Purpose Warehouse	71,500
DLA	VA	2019	Joint Base Langley-Eustis	Fuel Facilities Replacement	6,900
DLA	VA	2019	Joint Base Langley-Eustis	Ground Vehicle Fueling Facility Replacement	5,800
DLA	WA	2019	Joint Base Lewis-Mcchord	Refueling Facility	26,200
DLA	GU	2020	Def Fuel Support Point Guam	Construct Refueling Facility Xray Wharf	12,400
DLA	GY	2020	Ramstein AB	Construct Vehicle Fueling Facility	4,100
DLA	GY	2020	Stuttgart	Replace Retail Fuel Station	2,400
DLA	JA	2020	Iwakuni	Construct Bulk Storage Tanks (PH-2)	23,700
DLA	JA	2020	Yokosuka	Reconstruct Fuel Wharf	16,400
DLA	JA	2020	Yokota AB	Construct Bulk Storage Tanks	148,800
DLA	MS	2020	Columbus	Replace Fuel Facilities, B1918	12,600
DLA	OH	2020	Wright-Patterson AFB	Replace Hydrant Fueling System	21,700
DLA	OK	2020	Tulsa Iap	Construct Fuels Storage Complex	15,900
DLA	RI	2020	Quonset State Airport	Replace Fuels Storage Complex	8,100
DLA	SD	2020	Ellsworth AFB	Replace Hydrant Fuel System	19,500
DLA	TK	2020	Incirlik AB	Construct Hydrant Fuel System, "B" Ramp	25,000
DLA	VA	2020	Richmond	Operations Center (Phase 2)	98,800
DLA	AL	2021	Anniston Army Depot	Replace Demilitarization Facility	5,000
DLA	CA	2021	Beale AFB	Replace Hydrant Fueling System	25,100
DLA	PA	2021	Def Distribution Depot New Cumberland	General Purpose Warehouse (730)	56,000
DLA	SD	2021	Mitchell	Replace POL Facilities	54,750
DLA	SP	2021	Rota	Replace Bulk Tank Farm (PH-1 of 4)	65,000
DLA	TX	2021	Fort Hood	Replace Fueling Facility	28,500
DLA	WA	2021	Manchester	Replace Bulk Storage Tanks (Phase 1)	66,000

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
DLA	AL	2022	Anniston Army Depot	Replace General Pupose Warehouse	21,000
DLA	CA	2022	Beale AFB	Construct Bulk Tank	8,000
DLA	HI	2022	Joint Base Pearl Harbor-Hickam	Construct General Purpose Warehouse	55,000
DLA	ID	2022	Mountain Home AFB	Replace Hydrant System	16,000
DLA	WA	2022	Joint Base Lewis-Mcchord	Replace Fuel Facilities (Lewis Main & North)	14,700
DLA	WK	2022	Wake Island	Replace Fuel OPS Bldg 1509	1,800
DLA	AK	2023	Eielson AFB	Replace Fuels Operation & Lab	4,200
DLA	CA	2023	Barstow	Construct Concrete Lot 490	4,000
DLA	CA	2023	Travis AFB	Construct Military Service Station	4,500
DLA	CA	2023	Twentynine Palms, California	Construct Fuel Facility Camp Wilson	10,900
DLA	CO	2023	Fort Carson	Construct General Purpose Warehouse	20,000
DLA	FL	2023	Macdill AFB	Construct Hydrant System	5,300
DLA	GY	2023	Ramstein AB	Consolidate Fuel Operations Facility	3,400
DLA	JA	2023	Atsugi	Construct Bulk StorageTank	17,600
DLA	JA	2023	Iwakuni	Construct Bulk Storage Tanks (PH-3)	15,000
DLA	JA	2023	Kadena AB	Upgrade Refuler Parking Area	5,600
DLA	JA	2023	Misawa AB	Construct Truck Offload Facility	6,400
DLA	JA	2023	Okinawa	Construct Truck Offload System	4,300
DLA	JA	2023	Yokosuka	Replace GV Fuel Facility	4,800
DLA	MO	2023	Whiteman AFB	Replace Flight Line Fill Station	12,200
DLA	MT	2023	Great Falls IAP	Replace Fuel Complex	16,500
DLA	SD	2023	Ellsworth AFB	Replace Hydrant System South Ramp	28,000
DLA	TX	2023	Corpus Christi	Construct General Purpose Warehouse	45,000
DLA	TX	2023	Dyess Air Force Base	Replace Pump Station	10,600
DLA	WA	2023	Manchester	Replace Bulk Storage Tanks, (PH-2)	56,271
DODEA	BE	2019	Chievres AB	Europe West District Superintendent's Office	14,305
DODEA	GY	2019	Kaiserlautern AB	Kaiserslautern Middle School	99,955
DODEA	GY	2019	Weisbaden	Clay Kaserne Elementary School	56,048
DODEA	JA	2019	Camp Mctureous	Bechtel Elementary School	94,851
DODEA	JA	2019	Yokosuka	Kinnick High School	170,386
DODEA	KY	2019	Fort Campbell	Ft Campbell Middle School	62,634
DODEA	GY	2020	Baumholder	Baumholder ES	50,000
DODEA	GY	2020	Kaiserlautern AB	Kaiserslautern DSO	12,000
DODEA	GY	2020	Landstuhl	Landstuhl ES/MS	55,472
DODEA	GY	2020	Ramstein AB	EIC Project-New School	64,000
DODEA	JA	2020	Yokota AB	Yokota DSO	12,000
DODEA	GY	2021	Ramstein AB	EIC Project-New School	64,000
DODEA	GY	2021	Ramstein AB	EIC Project-New School	64,000
DODEA	JA	2021	Kadena AB	Kadena HS	156,013

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
DODEA	NC	2021	Fort Bragg	Albritton MS	42,000
DODEA	GA	2022	Fort Benning	Benning DSO	12,000
DODEA	GY	2022	Baumholder	Baumholder MS/HS	40,000
DODEA	JA	2022	Kadena AB	Stearley Heights Elementary School	116,000
DODEA	JA	2022	Yokota AB	Mendel ES	80,000
DODEA	NC	2022	Fort Bragg	Ft Bragg DSO	12,000
DODEA	GY	2023	Stuttgart	Patch MS	45,000
DODEA	JA	2023	Yokosuka	Sullivans ES	82,000
DODEA	JA	2023	Yokota AB	Yokota West ES	46,000
DODEA	PR	2023	Fort Buchanan	Antilles HS	66,000
DODEA	TK	2023	Ankara	Ankara EHS	20,000
DODEA	TK	2023	Incirlik AB	Incirlik EHS	53,000
MDA	AK	2019	Clear AFS	Long Range Discrim Radar Sys Complex Ph2	174,000
MDA	AK	2019	Fort Greely	Missile Field #1 Expansion	8,000
MDA	ZU	2021	Unspecified Worldwide Locations	Homeland Defense Radar (HDR) - Hawaii	138,000
MDA	ZU	2022	Unspecified Worldwide Locations	Homeland Defense Radar (HDR) - Hawaii	183,000
MDA	ZU	2022	Unspecified Worldwide Locations	MRDR System Complex, Phase 1	365,965
MDA	ZU	2022	Unspecified Worldwide Locations	Pacific IDT	90,000
MDA	AL	2023	Redstone Arsenal	Consolidated Test Center	181,260
NGA	MO	2019	St Louis	Next NGA West (N2W) Complex Phase 1 Inc. 2	213,600
NGA	MO	2019	St Louis	Next NGA West (N2W) Complex Phase 2 Inc. 1	110,000
NGA	MO	2020	St Louis	Next NGA West (N2W) Complex Phase 2 Inc. 2	337,800
NSA	MD	2019	Fort Meade	Mission Support Operations Warehouse Facility	30,000
NSA	MD	2019	Fort Meade	NSAW Recapitalize Building #2 Inc 4	218,000
NSA	MD	2019	Fort Meade	NSAW Recapitalize Building #3 Inc 1	99,000
NSA	MD	2020	Fort Meade	NSAW Recapitalize Building #3 Inc 2	426,000
NSA	MD	2021	Fort Meade	Archive	98,000
NSA	MD	2021	Fort Meade	NSAW Recapitalize Building #3 Inc 3	250,000
NSA	MD	2022	Fort Meade	CAO Mission	195,000
NSA	MD	2022	Fort Meade	NSAW Recap Building 3A	39,000
NSA	MD	2022	Fort Meade	NSAW Recap Building 4, Incr 1	154,000
NSA	MD	2023	Fort Meade	NSAW Recap Building 4, Incr 2	348,556
SOCOM	CA	2019	Camp Pendleton	SOF EOD Facility - West	3,547
SOCOM	CA	2019	Camp Pendleton	SOF Human Performance Training Center-West	9,049
SOCOM	CA	2019	Coronado	SOF ATC Applied Instruction Facility	14,819
SOCOM	CA	2019	Coronado	SOF ATC Training Facility	18,329
SOCOM	CA	2019	Coronado	SOF Close Quarters Combat Facility	12,768
SOCOM	CA	2019	Coronado	SOF NSWG-1 Operations Support Facility	25,172
SOCOM	CO	2019	Fort Carson	SOF Human Performance Training Center	15,297

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
SOCOM	CO	2019	Fort Carson	SOF Mountaineering Facility	9,000
SOCOM	GY	2019	Baumholder	SOF Joint Parachute Rigging Facility	11,504
SOCOM	KY	2019	Fort Campbell	SOF Air/Ground Integ. Urban Live Fire Range	9,091
SOCOM	KY	2019	Fort Campbell	SOF Logistics Support Operations Facility	5,435
SOCOM	KY	2019	Fort Campbell	SOF Multi-Use Helicopter Training Facility	5,138
SOCOM	NC	2019	Fort Bragg	SOF Replace Training Maze and Tower	12,109
SOCOM	NC	2019	Fort Bragg	SOF SERE Resistance Training Lab. Complex	20,257
SOCOM	VA	2019	Dam Neck	SOF Magazines	8,959
SOCOM	VA	2019	Fort A.P. Hill	Training Campus	11,734
SOCOM	VA	2019	Fort Belvoir	Human Performance Training Center	6,127
SOCOM	VA	2019	Humphreys Engineer Center	Maintenance and Supply Facility	20,257
SOCOM	XC	2019	Classified Location	Battalion Complex, PH2	49,222
SOCOM	AZ	2020	Yuma	SOF Hangar	32,410
SOCOM	AZ	2020	Yuma	SOF Military Free Fall Advanced Training Comp	44,485
SOCOM	FL	2020	Eglin AFB	SOF Combined Squadron Operations Facility	15,935
SOCOM	FL	2020	Hurlburt Field	SOF AMU & Weapons Hangar	74,473
SOCOM	FL	2020	Hurlburt Field	SOF Combined Squadron Operations Facility	15,368
SOCOM	FL	2020	Hurlburt Field	SOF Maintenance Training Facility	16,754
SOCOM	GY	2020	Baumholder	SOF Battalion Annex	7,152
SOCOM	GY	2020	Baumholder	SOF Operations Annex	16,958
SOCOM	GY	2020	Baumholder	SOF Support Annex	11,276
SOCOM	HI	2020	Pearl City	SOF Undersea Operational Training Facility	47,898
SOCOM	NC	2020	Camp Lejeune	SOF Marine Special Operations Regiment HQ	13,306
SOCOM	NC	2020	Fort Bragg	SOF Assessment and Selection Training Complex	9,833
SOCOM	NC	2020	Fort Bragg	SOF Group Headquarters	19,859
SOCOM	NC	2020	Fort Bragg	SOF Human Performance Training Center	17,292
SOCOM	NC	2020	Fort Bragg	SOF Operations Building	5,000
SOCOM	NC	2020	Fort Bragg	SOF Operations Facility	3,475
SOCOM	NC	2020	Fort Bragg	SOF Operations Support Bldg.	12,908
SOCOM	VA	2020	Dam Neck	SOF Demolition Training Compound Expansion	11,618
SOCOM	VA	2020	Dam Neck	SOF Operations Building Addition	11,554
SOCOM	VA	2020	Joint Expeditionary Base Little Creek - Story	SOF Human Performance Training Center	14,288
SOCOM	VA	2020	Joint Expeditionary Base Little Creek - Story	SOF NSWG-10 Operations Facility	15,721
SOCOM	VA	2020	Joint Expeditionary Base Little Creek - Story	SOF NSWG-2 JSOTF Operations Facility	7,795
SOCOM	VA	2020	Joint Expeditionary Base Little Creek - Story	SOF NSWG-2 ST Operations Facility	1,442
SOCOM	WA	2020	Joint Base Lewis-Mcchord	SOF 22 STS Operations Facility	44,209
SOCOM	WA	2020	Joint Base Lewis-Mcchord	SOF Consolidated Rigging Facility	24,824
SOCOM	WA	2020	Keyport	SOF Coldwater Training/Austere Environment Fa	11,062
SOCOM	ZC	2020	Classified Location	Battalion Complex, Ph 3	71,890

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
SOCOM	ZC	2020	Classified Location	SOF Operations Bldg.	70,000
SOCOM	AZ	2021	Yuma	SOF Ready Building	12,877
SOCOM	CA	2021	Coronado	SOF ATC Operations Support Facility	14,605
SOCOM	CA	2021	Coronado	SOF SERE Training Facility	15,193
SOCOM	CO	2021	Fort Carson	SOF Vehicle Maintenance Shop	10,020
SOCOM	FL	2021	Hurlburt Field	SOF Combat Aircraft Parking Apron-North	36,688
SOCOM	FL	2021	Hurlburt Field	SOF Special Tactics Operations Facility	42,572
SOCOM	GA	2021	Fort Benning	SOF Human Performance Training Center	10,005
SOCOM	GA	2021	Fort Benning	SOF RSTA Operations Facility	4,457
SOCOM	GA	2021	Fort Stewart	SOF Military Working Dog Facility	3,993
SOCOM	GA	2021	Hunter Army Airfield	SOF Indoor/Outdoor Range	11,886
SOCOM	GY	2021	Baumholder	SOF Human Performance Training Center	6,438
SOCOM	HI	2021	Pearl City	SOF Dry Combat Submersible Ops Facility	19,662
SOCOM	JA	2021	Kadena AB	SOF Human Performance Training Center	13,174
SOCOM	NC	2021	Camp Lejeune	SOF Paraloft Expansion	6,048
SOCOM	NC	2021	Camp Lejeune	SOF Training Tank Expansion	11,985
SOCOM	NC	2021	Fort Bragg	SOF Battalion Operations Facility	40,218
SOCOM	NC	2021	Fort Bragg	SOF Close Quarters Combat Range	7,033
SOCOM	NC	2021	Fort Bragg	SOF Military Working Dog Facility	9,658
SOCOM	NC	2021	Fort Bragg	SOF Operations Facility	39,621
SOCOM	NC	2021	Fort Bragg	SOF Tactical Equipment Maintenance Facility	7,936
SOCOM	VA	2021	Dam Neck	SOF Operations Facility Renovation	3,410
SOCOM	VA	2021	Fort Pickett	SOF SOUC Training Facility	30,189
SOCOM	VA	2021	Humphreys Engineer Center	Headquarters Expansion	34,668
SOCOM	VA	2021	Joint Expeditionary Base Little Creek - Story	SOF NSWG-2 NSWTG CS/CSS Facility	29,566
SOCOM	WA	2021	Joint Base Lewis-Mcchord	SOF Tactical Equipment Maintenance Facility	25,754
SOCOM	ZC	2021	Classified Location	Training Target Structure	5,151
SOCOM	CA	2022	Coronado	SOF Multi Purpose Canine Facility	5,339
SOCOM	CA	2022	Coronado	SOF NSWG-11 Headquarters	4,755
SOCOM	CA	2022	Coronado	SOF UAV Avionics Maintenance & Storage Facili	8,915
SOCOM	CO	2022	Fort Carson	SOF Group HQs Expansion	9,906
SOCOM	FL	2022	Eglin AFB	SOF Language Fac.	6,934
SOCOM	FL	2022	Eglin AUX9	SOF Operations and Maintenance Facilities	36,748
SOCOM	FL	2022	Hurlburt Field	SOF Small Arms Range	27,836
SOCOM	GA	2022	Fort Benning	SOF MI Battalion Headquarters	25,078
SOCOM	GA	2022	Hunter Army Airfield	SOF Consolidated Rigging Facility	24,765
SOCOM	GA	2022	Hunter Army Airfield	SOF Human Performance Training Center	12,754
SOCOM	HI	2022	Pearl City	SOF Indoor Dynamic Shooting Facility	10,798
SOCOM	KY	2022	Fort Campbell	SOF Operations Facility	3,467

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
SOCOM	KY	2022	Fort Campbell	SOF Regiment and Battalion HQs	16,840
SOCOM	MS	2022	Stennis	SOF Human Performance Training Center	10,664
SOCOM	NC	2022	Fort Bragg	SOF Arms Room Addition	4,458
SOCOM	NC	2022	Fort Bragg	SOF Baffle Containment for Range 19C	6,948
SOCOM	NC	2022	Fort Bragg	SOF Command and Control Facility	58,811
SOCOM	NC	2022	Fort Bragg	SOF Deployment Readiness Center	8,915
SOCOM	NC	2022	Fort Bragg	SOF Joint Intelligence Center	56,100
SOCOM	NC	2022	Fort Bragg	SOF MI Battalion Operations Facility	11,271
SOCOM	NC	2022	Fort Bragg	SOF Supply Support Activity	7,925
SOCOM	NC	2022	Fort Bragg	SOF Training and Operations Facility	10,897
SOCOM	NC	2022	Fort Bragg	SOF USASOC HQ Secure Operations	48,540
SOCOM	NM	2022	Cannon AFB	SOF ADAL Simulator Facility For NSAV	6,449
SOCOM	NM	2022	Cannon AFB	SOF Mobility Aerial Delivery Facility	13,206
SOCOM	VA	2022	Dam Neck	Camp Pendleton Land Initiative (PH 1)	11,887
SOCOM	VA	2022	Dam Neck	SOF Multi-Purpose Range	31,700
SOCOM	VA	2022	Humphreys Engineer Center	D Squadron Headquarters	34,671
SOCOM	WA	2022	Joint Base Lewis-Mcchord	SOF Battalion Operations Facility	40,615
SOCOM	WA	2022	Joint Base Lewis-Mcchord	SOF Language Facility	13,870
SOCOM	CA	2023	Coronado	SOF Headquarters Facility (NSWCOM)	76,239
SOCOM	CA	2023	Coronado	SOF SEAL Team SEVENTEEN Ops Facility	18,020
SOCOM	FL	2023	Eglin AUX9	SOF Fuel Cell Hangar	8,463
SOCOM	FL	2023	Homestead AFS	SOF Controlled Humidity Warehouse	9,604
SOCOM	FL	2023	Homestead AFS	SOF Rigging and Drying Facility	3,960
SOCOM	FL	2023	Hurlburt Field	SOF ADD/ALTER Simulator Facility	5,667
SOCOM	FL	2023	Hurlburt Field	SOF Human Performance Training Center	7,822
SOCOM	FL	2023	Hurlburt Field	SOF Vehicle Shelter	10,297
SOCOM	KY	2023	Fort Campbell	SOF Advance Skills Company Facility	9,901
SOCOM	KY	2023	Fort Campbell	SOF Heavy Drop Rigging Facility	11,881
SOCOM	KY	2023	Fort Campbell	SOF Human Performance Training Center	15,327
SOCOM	KY	2023	Fort Campbell	SOF SOAT-B HQ	23,515
SOCOM	KY	2023	Fort Campbell	SOF Tactical Equipment Maintenance Facility	12,178
SOCOM	NC	2023	Fort Bragg	SOF Deployment Facility	8,911
SOCOM	NC	2023	Fort Bragg	SOF Mackall Company Operations Facilities	12,248
SOCOM	NC	2023	Fort Bragg	SOF Multi-Purpose Range Support Facility	7,426
SOCOM	NC	2023	Fort Bragg	SOF Renovate H-2639	6,355
SOCOM	NC	2023	Fort Bragg	SOF SERE Training Facility	13,168
SOCOM	NC	2023	Fort Bragg	SOF Vehicle Maintenance Facility	12,376
SOCOM	PA	2023	Harrisburg	SOF Simulator Facility	6,349
SOCOM	VA	2023	Dam Neck	SOF Training Facility Addition	12,178

Organization	State Country	Fiscal Year	Location Title	Line Item Title	TOA Amount
SOCOM	WA	2023	Joint Base Lewis-Mcchord	SOF Human Performance Training Center	15,327
SOCOM	WA	2023	Joint Base Lewis-Mcchord	SOF Tactical Unmanned Aerial Vehicle Hangar	3,437
WHS	VA	2019	Pentagon	Exterior Infrastruc. & Security Improvements	23,650
WHS	VA	2019	Pentagon	North Village VACP & Fencing	12,200
WHS	VA	2020	Pentagon	Control Tower & Fire Day Station	21,887
WHS	VA	2020	Pentagon	Replace Switch House 1	12,495
WHS	VA	2021	Pentagon	Consolidated Maintenance Complex (RRMC)	29,580
WHS	VA	2021	Pentagon	Pentagon Backup Generator	7,446
WHS	VA	2022	Pentagon	Indoor Firing Range	5,916
WHS	VA	2022	Pentagon	Parallel Condesing Water Outfall	8,753
WHS	VA	2022	Pentagon	Perimeter Security Fencing & Erosion Control	24,765
WHS	VA	2023	Pentagon	Pentagon Corridor 8 Bridge Canopy	6,500
WHS	VA	2023	Pentagon	Security Administrative Building	15,300
WHS	VA	2023	Pentagon	Stormwater Filtration	8,100
WHS	VA	2023	Pentagon	West End Safety Upgrade	7,560

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
UNSPECIFIED ESTONIA	EDI: SOF OPERATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	141	19-001S	6,100

7. INVENTORY DATA ($000)

9. FUTURE PROJECTS9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				5045
SOF OPERATIONS FACILITY (CC14145) (27,600 SF)	SM	2,560	1,549.10	(3,966)
CYBERSECURITY MEASURES	LS	--	--	(1,000)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(79)
SUPPORTING FACILITIES				378
UTILITIES (WATER, SEWER, ELECTRICAL)	LS	--	--	(237)
SITE IMPROVEMENTS	LS	--	--	(62)
AT/FP/PHYSICAL SECURITY MEASURES	LS	--	--	(79)

ESTIMATED CONTRACT COST				5,423
CONTINGENCY (5%)				271

SUBTOTAL				5,694
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				370

TOTAL REQUEST				6,064
TOTAL REQUEST (ROUNDED)				6,100
EQUIPMENT FROM OTHER APPROPRIATIONS				(875)

10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construct four General Purpose Administrative Self-Contained Team Houses in support of the Special Operations Command Europe (SOCEUR). Project includes office spaces, conference room, classrooms, breakroom/kitchen area, shower room, bathrooms, barracks rooms, laundry room, humidity controlled multipurpose organizational storage, arms vault and weapons cleaning area. Supporting facilities include site work: landscaping, grubbing, grading and paving, all required utility systems: water, electric, sewer, storm water drainage, dehumidification systems, fire alarm systems, exterior security lighting and cameras and information systems connectivity. Heating and air conditioning will be provided by self-contained exterior mounted control units. The facility is intended to comply with applicable DOD, Army, and NATO design standards. In addition, local materials and construction techniques shall be used where cost-effective. Facilities will be designed in accordance with applicable standards for Host National Facilities in Support of military operations. This project will provide cybersecurity measures in accordance with Department of Defense (DOD) guidance. This project will provide anti-terrorism/force protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with Department of Defnese (DOD) Minimum Anti-Terrorism Standards for Buildings. Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders.

11. REQUIREMENT: 6,400 SM (68,900 SF) **ADEQUATE:** 3,840 SM (41,300 SF) **SUBSTANDARD:** 0 SM

PROJECT: Construct a SOF Operations Facility to support the European Deterrence Initiative (EDI) requirements.

REQUIREMENT: This project supports Operation Atlantic Resolve, which includes military exercises and

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
UNSPECIFIED ESTONIA	EDI: SOF OPERATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	141	19-001S	6,100

training on land, in the air, and at sea while sustaining a rotational presence throughout Europe. Estonia is a NATO member state that actively participates in joint exercises with the U.S. military and other member nations and provides real estate and facilities for housing the weapons, gear and vehicles for the Operational Detachment Alpha (ODA) teams. These facilities, however, are not commensurate with similar host nation team facilities and do not meet DOD mandated physical security and anti-terrorism/force protection standards. This project will provide the facilities necessary for the teams to securely conduct operational planning and provide them with a secure area to store and maintain their weapons, gear and equipment while meeting the intent of the U.S. European Command's plan to increase and add to the bilateral and multilateral exercises and training events capabilities between U.S. allies and partners and provide infrastructure to allow for greater responsiveness across the theater of operations. Design and construction shall give due regard to Estonia operational and security concerns.

CURRENT SITUATION: At present, the ODA operations in Estonia are located in an unsecure area. The facility does not provide adequate areas for securing weapons, equipment and communications equipment and lacks a secure area for planning and operations. This facility would address these issues and provide ODA with facilities in which to operate and that are compatible with the host nation facilities of the same type.

IMPACT IF NOT PROVIDED: ODA teams would be required to continue to operate in substandard facilities that do not meet their operational needs; that do not meet physical security requirements and do not meet anti-terrorism/force protection (AT/FP) standards.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all physical security measure are included. Alternative methods of meeting this requirement have been explored during the project development. This project is the only feasible option to meet the requirement. The facilities to be erected as part of this project are hardened, self-contained structures that will be constructed based on the existing facility design implemented by the host nation in order to maintain a standard of the facility type between the host nation and U.S. forces. In addition, local materials and construction techniques shall be used when cost effective. Storm water management Low Impact Development features will be included in the project as appropriate. This project does not construct facilities within the 100-year flood plain.

JOINT USE CERTIFICATION: USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165. These facilities are intended for use by both US SOF and Partner Nation SOF Forces.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data:	
(1) Acquisition Strategy:	Design Bid Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	Aug/2017
(b) Percent of Design Complete as of January 2018:	15%
(c) Design or RFP Complete:	Feb/2019
(d) Total Design Costs ($000):	542
(e) Energy Study and Life Cycle Analysis Performed:	No
(f) Standard or definitive design used:	No
(3) Construction Data:	
(a) Contract Award:	Apr/2019

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:		
UNSPECIFIED ESTONIA	EDI: SOF OPERATIONS FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	141	19-001S	6,100

(b) Construction Start: Jul/2019
(c) Construction Complete: Jul/2020

B. Equipment Associated With This Project Which Will be Provided From Other Appropriations:

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2021	225
C4I Equipment	O&M, D-W	2021	100
Collateral Equipment	PROC, D-W	2021	250
C4I Equipment	PROC, D-W	2021	300

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1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
UNSPECIFIED ESTONIA	EDI: SOF TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	19-002S	9,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				7,452
SOF TRAINING FACILITY (CC 17138) (34,400 SF)	SM	3,200	1,819	(5,821)
PARACHUTE DRYING/RAPPEL TOWER (CC 21881) (484 SF)	SM	45	11,422	(514)
CYBERSECURITY MEASURES	LS	--	--	(1,000)
SUSTAINABILITY AND ENERGY FEATURES	LS	--	--	(117)
SUPPORTING FACILITIES				(1,122)
UTILITIES (WATER, SEWER, ELECTRICAL)	LS	--	--	(356)
SITE IMPROVEMENTS (EARTHWORK, PARKING, ROADS)	LS	--	--	(649)
AT/FP/PHYSICAL SECURITY MEASURES	LS	--	--	(117)

ESTIMATED CONTRACT COST				8,574
CONTINGENCY (5%)				429

SUBTOTAL				9,003
SUPERVISION, INSPECTION AND OVERHEAD (5.7%)				585

TOTAL REQUEST				9,588
TOTAL REQUEST (ROUNDED)				9,600
EQUIPMENT FROM OTHER APPROPRIATIONS				1,235

10. DESCRIPTION OF PROPOSED CONSTRUCTION: This project will construct consolidated multi-functional training facility for close quarter combat in support of the Special Operations Command Europe (SOCEUR). Project includes classrooms, an indoor range (30m and interactive), weapons storage, a multipurpose organizational training room that includes a briefing room, FX ammo, smoke observation room, and parachute maintenance spaces. Facility will include a vertical operations tower that provides options for indoor rappelling and fast rope training, elevator shaft, breaching options for doors and windows, training room for hand to hand combat training, restrooms, and shower facilities. Supporting facilities include site work: landscaping, grubbing, grading and paving for parking areas and roadway upgrades for access and egress to and from the site, all required utility systems: water, electric, sewer, storm water drainage, fire alarm systems, exterior security lighting and cameras and information systems connectivity. Heating and air conditioning will be provided by self-contained exterior mounted control units. The facility is intended to comply with applicable Department of Defense (DOD), Air Force, and NATO design standards. In addition, local materials and construction techniques shall be used where cost effective. Facilities will be designed in accordance with applicable standards for Host Nation Facilities in Support of Military Operations. This project will provide cybersecurity measures in accordance with DOD guidance. This project will provide anti-terrorism/force protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with DOD Minimum Anti-Terrorism Standards for Buildings. DOD principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders.

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
UNSPECIFIED ESTONIA	EDI: SOF TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	19-002S	9,600

11. REQUIREMENT: 3,245 SM (34,900 SF) **ADEQUATE:** 0 SM **SUBSTANDARD:** 0 SM

PROJECT: Construct a SOF Multi-Functional Training Facility to support European Deterrence Initiative (EDI) requirements.

REQUIREMENT: This project supports Operation Atlantic Resolve, which includes military exercises and training on land, in the air, and at sea while sustaining a rotational presence throughout Europe. Estonia is a NATO member state that actively participates in joint exercises with the U.S. military and other member nations and provides real estate and facilities for housing the weapons, gear and vehicles for the Operational Detachment Alpha (ODA) teams but lack the training facilities necessary to conduct the specialized team training in a secure environment. This project will provide the facilities necessary for the teams to securely conduct rappelling, breaching operations, range operations, practice hand to hand combat tactics and provide them with training rooms for classes, restrooms, and shower facilities. Additionally, this will be a joint use facility and will meet the intent of the U.S. European Command's plan to increase and add to the bilateral and multilateral exercises and training events capabilities between U.S. allies and partners and provide a specialized training infrastructure to allow teams to perform a full mission profiles that are necessary for maintaining combat readiness. Design and construction shall give due regard to Estonia operational and security concerns.

CURRENT SITUATION: The ability to perform a full mission profile is essential to maintaining combat readiness and at present, the ODA operations in Estonia are located in an unsecure area and lack the training facilities necessary to adequately maintain their skill sets in a secure environment.

IMPACT IF NOT PROVIDED: Teams would be required to continue to operate without facilities to meet their operational needs, and will require them to continue to devise work arounds to meet some but not all of their training needs.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all physical security measure are included. All required anti-terrorism protection measures are included. Alternative methods of meeting this requirement have been explored during the project development. This project is the only feasible option to meet the requirement. The facilities are to be erected outside of the secure compound and will be accessible for other units and activities to utilize when they are training at this location. Local materials and construction techniques shall be used when cost effective. Storm water management Low Impact Development features will be included in the project as appropriate. This project does not construct facilities within the 100-year flood plain.

JOINT USE CERTIFICATION: USSOCOM budgets only for those facilities specifically for SOF use. Common support facilities are budgeted by the military departments. Reference Title 10, Section 165. These facilities are intended for use by both US SOF and Partner Nation SOF Forces.

12. SUPPLEMENTAL DATA:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design Bid Build
(2) Design Data:	
(a) Design or request for Proposal (RFP) Started:	Aug/2017
(b) Percent of Design Complete as of January 2018:	15%
(c) Design or RFP Completed:	Feb/2019
(d) Total Design Costs ($000):	857
(e) Energy Study and Life Cycle Analysis Performed:	No
(f) Standard or definitive design used?	No

1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROJECT DATA *(Continuation)*	2. DATE	REPORT CONTROL SYMBOL
USSOCOM		FEB 2018	DD-A&T(A)1610

3. INSTALLATION AND LOCATION	4. PROJECT TITLE:
UNSPECIFIED ESTONIA	EDI: SOF TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
1140494BB	171	19-002S	9,600

(3) Construction Data:

(a) Contract Award:	Apr/2019
(b) Construction Start:	Jul/2019
(c) Construction Complete:	Jul/2020

B. Equipment Associated with This Project Which Will be Provided From Other Appropriations:

Equipment Nomenclature	Procuring Appropriation	FY Appropriated or Requested	Cost ($000)
Collateral Equipment	O&M, D-W	2021	210
C4I Equipment	O&M, D-W	2021	175
Collateral Equipment	PROC, D-W	2021	500
C4I Equipment	PROC, D-W	2021	350

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1. COMPONENT	FY 2019 MILITARY CONSTRUCTION PROGRAM	2. DATE
		February 2018

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Various		Various

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.										
B.										

7. INVENTORY DATA ($000)

A. TOTAL AREA.

B. INVENTORY TOTAL AS OF

C. AUTHORIZATION NOT YET IN INVENTORY

D. AUTHORIZATION REQUESTED IN THIS PROGRAM

E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM

F. PLANNED IN NEXT THREE YEARS

G. REMAINING DEFICIENCY

H. GRAND TOTAL

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
Various		EDI: Planning and Design	11,350	N/A	N/A

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)

10. MISSION OR MAJOR FUNCTION

N/A

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

N/A

($000)

A. AIR POLLUTION

B. WATER POLLUTION

C. OCCUPATIONAL SAFETY AND HEALTH

1. Component	FY 2019 MILITARY CONSTRUCTION PROJECT DATA	2. Date
		February 2018

3. Installation and Location/UIC:	4. Project Title
Various	EDI: Planning and Design

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
N/A	N/A	N/A	$11,350

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
EDI: Planning and Design				$11,350
Defense Logistics Agency (7,100)				
U.S. Special Operations Command (4,250)				

10. Description of Proposed Construction

Funds are to be utilized under Title 10 U.S.C. Section 2807 for architectural and engineering services and construction design. Engineering investigations, such as field surveys and foundation explorations, will be undertaken as necessary.

11 Requirement:

All projects funded in a military construction program must be based on sound engineering and the best cost data available. For this reason, design is initiated to establish project estimates in advance of program submittal to Congress. Based on this preliminary design, final plans and specifications are then prepared. These costs for architectural and engineering services and dconstruction design are not provided for in the costruction project cost estimates.